

National Pollution Prevention Week



Attached is a compendium of **National Pollution Prevention Week “Activity of the Week” Award Winners for 2001**. The purpose of the document is to provide examples of exemplary P2 Week activities to assist and inspire this year’s local organizers. Please consider completing and sending in an [Activities Award Application for Pollution Prevention Activities](#) accomplished in 2002 and not **just** during National Prevention Week. Send your completed form to the Department of Toxic Substances Control’s Office of Pollution Prevention and Technology Development via E-mail: ntp2week@dtsc.ca.gov or fax it to DTSC/OPPTD NP2W at (916) 327-4494, or mail it to Robert Ludwig, DTSC/OPPTD, P.O. Box 806, Sacramento, CA 95812-0806.

If you have questions or need more information on National Pollution Prevention Week, contact Robert Ludwig at rludwig@dtsc.ca.gov or (916) 324-2659.

“The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.”

**CITY OF ALAMEDA PUBLIC WORKS DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION P2 2001 ACTIVITIES**

Title of Activity: Mercury Thermometer Exchange Day

Date: September 22, 2001

Activity: Exchange a mercury thermometer for a digital thermometer

Target Audience: Private Sector/Residents of the City of Alameda

Location: City Fire Stations

Sponsors/Partners: City of Alameda Public Works Department,
Environmental Services Division, and City of Alameda Fire Department

Description of Activity: Alameda residents had the opportunity to exchange mercury thermometers for digital ones on September 22, 2001. The thermometer swap was held from 9:00 a.m. to noon at three City of Alameda Fire Stations. Following the event, the mercury thermometers were transported to the Alameda County Household Hazardous Waste facility for proper handling. A total of 535 mercury thermometers were collected from the three City of Alameda Fire Stations.

Exceptional Merits: This joint effort between City of Alameda Public Works Department, Environmental Services Division and the City of Alameda Fire Department provided the necessary public awareness of Pollution Prevention Week. And, further illustrated the importance of protecting water, soil, and air by reducing the amount of pollution generated in homes.

Contact: Maria F. Di Meglio,
Program Specialist, Integrated Waste Management, City of
Alameda, Public Works Department, Environmental Services
Division, 950 West Mall Square, Rm. 100 City of Alameda, CA

94501 (510) 749-5840

POLLUTION PREVENTION ACTIVITY AWARD

Agency/Entity: City of Bakersfield Fire Department Environmental Services

Title of Activity: City of Bakersfield Pollution Prevention Award 2001

Date: September 17, 2001

Activity: Presentation of P2 Awards to local businesses which have demonstrated the best P2 strategies during the calendar year.

Target Audience: General Public and regulated businesses.

Location: Pollution Prevention Faire at Bakersfield Weill Institute

Sponsors/Partners: City of Bakersfield Fire Dept Env. Services

Descriptions of Activities: P2 Awards Program Official Entry Form, P2/Recycling Flyer with local P2 Partners, and a Press Release about Pacific Wood Preserving of Bakersfield receiving the P2 award for 2001 which was televised on local television news.

Exceptional Merits: Increased public awareness and regulated businesses. Increased awareness of the benefits and recognition for P2 efforts.

Contact: Howard H. Wines III, City of Bakersfield Fire Dept., Office of Environmental Services, 1715 Chester Ave., Ste. 300, Bakersfield, CA 93301, (661) 326-3979, hwines@ci.bakersfield.ca.us

CITY OF BELLFLOWER POLLUTION PREVENTION ACTIVITY

Activity: National Pollution Prevention Week City Proclamation

Date: August 27, 2001

Target Audience: Citizens of Bellflower

Location: City Hall Council Chambers

**Description
Of Activity** Proclaimed the week of September 17-23, 2001, as
National Pollution Prevention Week.

Contact: Bernardo Iniguez, City of Bellflower, 16600 Civic Center
Drive, Bellflower, CA 90706

Sacramento County Business Environmental Resource Center (BERC) Pollution Prevention Activity

Save the Date for the 7th Annual Pollution Prevention Awards Ceremony Honoring Businesses That Help The Environment!

Mark your calendar and plan to join us at the beautiful Sheraton Grand Sacramento for an exciting morning of networking, breakfast and entertainment. Laugh with our host, Mr. Jack Gallagher, as elected officials, agency administrators, business and community leaders gather to honor the year 2001 Sacramento County Pollution Prevention Award winners.

Tuesday, September 18, 2001

7:30 - 8:00 a.m. Networking

8:00 - 9:30 a.m. Breakfast and Awards Presentation

This event has been organized by the Sacramento County Business Environmental Resource Center (BERC). BERC is a one-stop, non-regulatory office that helps businesses understand and comply with federal, state and local environmental regulations. All in a free and confidential setting.

If you have not already registered for this event,

visit the BERC website at <<http://www.sacberc.org/>> www.sacberc.org and click on the "Save the Date" button or call (916) 364-4110.

Event Sponsor:

Sacramento Municipal Utility District (SMUD)

Co-Sponsors:

Sacramento Business Journal

Sacramento Metropolitan Air Quality Management District

Sacramento Regional County Sanitation District

Sacramento Stormwater Management Program

U.S. DEPT. OF ENERGY OAKLAND OPERATIONS OFFICE NATIONAL POLLUTION PREVENTION WEEK ACTIVITIES

As part of National Pollution Prevention Week 2001 (Sept. 17-23), DOE/OAK sponsored a pollution prevention awards program. Over 30 nominations were obtained from the DOE California sites. The award presentations were made on September 20 from 10-1 pm in the Roybal Auditorium- Federal Building in Oakland.

In addition, DOE was pleased to announce the program will open with two presentations on Global Climate Change, the most important environmental issue of this century. Dr. Benjamin Santer, an internationally recognized expert on climate change and physicist/atmospheric scientist from Lawrence Livermore National Laboratory (LLNL), will speak on "Studying the Causes of Climate Change". He received the prestigious Macarthur Foundation Award in 1998. The Award was given in recognition of Dr. Santer's "originality, creativity, self-direction, and capacity to contribute importantly to society, particularly in atmospheric science".

In addition, Blair Henry from the NW Council on Climate Change spoke on the political aspects of this issue and the actions that we can take as citizens and professionals. He is an excellent speaker as well and has an uncanny ability to take a complex issue and present it in understandable terms. We are very fortunate to have these two speakers in one room. I promise it will be an extremely informative event

Contact: Karin King
Environmental Engineer
DOE Oakland Operations Office
1301 Clay St., Suite 700N
Oakland, CA 94612
510.637.1638
FAX1646

DUBLIN SAN RAMON SERVICES DISTRICT P2 2001 ACTIVITIES AWARD

Activity #1

Title of Activity: Proclamation

Date: August 21, 2001

Target Audience: Residents, Businesses, Board Members, and District Employees

Location: District Office

Sponsors/Partners:

Description of Activity: The District's Board members proclaimed the week of September 17-23, 2001 as "National Pollution Prevention Week."

Exceptional Merits:

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #2

Title of Activity: Newspaper Ad

Date: September 16, 2001

Target Audience: Residents of Dublin, Pleasanton, San Ramon, and Livermore.

Location: Dublin, Pleasanton, San Ramon, and Livermore

Sponsors/Partners:

Description of Activity: Placed ad “Household Hazardous Waste Checklist” in the Sunday edition of the Tri-Valley Herald Newspaper.

Exceptional Merits: The Tri-Valley Herald serves over 25,000 households in the Tri-Valley area. This event will help educate the local community on how to identify and properly dispose of household hazardous waste.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #3

Title of Activity: Public Service Announcements

Date: September 17-23, 2001

Target Audience: Residents of Dublin, Pleasanton, San Ramon, and Livermore.

Location: Dublin, Pleasanton, San Ramon, and Livermore

Sponsors/Partners:

Description of Activity: Public Service Announcements were aired by local radio station KKIQ announcing P2 Week 2001 and P2 tips for at home, office, in the garden, and on the road. The announcements were also placed on their website.

Exceptional Merits: Uses the media of radio to address a larger audience. This will provide the listeners with practical information that they can use to help reduce the amount of pollution generated at home, work, in the garden, and on the road.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #4

Title of Activity: Public Service Announcements

Date: September 17-23, 2001

Target Audience: Residents of Dublin, Pleasanton, San Ramon, and Livermore.

Location: Dublin, Pleasanton, San Ramon, and Livermore

Sponsors/Partners:

Description of Activity: Local CTV-30 broadcasted announcements regarding P2 Week 2001 and pollution prevention tips on their community calendar script.

Exceptional Merits: Uses the media of television to address a larger audience. This will provide the viewers with practical information that they can use to help reduce the amount of pollution generated at home, work, in the garden, and on the road.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #5

Title of Activity: Pollution Prevention Week 2001 Announcement

Date: July 2001

Target Audience: District Employees

Location: WWTP, District Office, and Field Services Office.

Sponsors/Partners:

Description of Activity: Announcement of scheduled P2 Week activities in July's Employee Bulletin.

Exceptional Merits:

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #6

Title of Activity: P2 Week 2001 Display

Date: September 17-23, 2001

Target Audience: District employees and the public

Location: District Office

Sponsors/Partners:

Description of Activity: Set up P2 Week 2001 display at the District Office. Displayed were the 2001 P2 Week poster, District's P2 Week proclamation, P2 tips, and various educational pamphlets.

Exceptional Merits: Educate the public and District employees about protecting the environment through the use of educational handouts.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #7

Title of Activity: P2 Week 2001 Display

Date: September 17-23, 2001

Target Audience: Public

Location: Dublin

Sponsors/Partners:

Description of Activity: Set up P2 display at the Dublin Library. The theme of the display was “Protecting Our Environment.” Chemicals were displayed that should not be dumped down sanitary or storm drains. Educational handouts were available for both adults and children.

Exceptional Merits: Educate the public on ways that they can help protect the environment.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #8

Title of Activity: P2 Week 2001 Poster display and distribution

Date: September 17-23, 2001

Target Audience: District Employees and the public

Location: Dublin, Pleasanton, and San Ramon

Sponsors/Partners:

Description of Activity: Displayed P2 Week 2001 posters at the Dublin Library, DSRSD District Office, DSRSD Field Services Office, and at the District's WWTP. P2 Week 2001 posters and P2 Week flyers were distributed to Pleasanton Library, San Ramon Library, Dublin Elementary School, Frederiksen Elementary School, Nielsen Elementary School, Murray Elementary School, Dougherty Elementary School, and St. Raymond School.

Exceptional Merits: P2 Week awareness

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #9

Title of Activity: P2 Week 2001 Flyer

Date: September 13, 2001

Target Audience: District employees and Board Members

Location: Dublin

Sponsors/Partners:

Description of Activity: Distributed P2 Week 2001 flyers to District employees and Board Members. Flyers explained P2 and gave informational tips on ways to protect the environment by practicing pollution prevention.

Exceptional Merits: Inform and educate District employees and Board Members about P2 Week 2001.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #10

Title of Activity: Television interview

Date: September 19, 2001

Target Audience: Local community

Location: Pleasanton

Sponsors/Partners:

Description of Activity: Pre-recorded interview with Community TV-30 lasting 2-3 minutes. P2 Week 2001 and tips on how the viewers could help prevent pollution were the topic of the interview. The interview and footage of the District's WWTP were broadcast September 19, 2001 on the 5:00 and 6:00 newscast.

Exceptional Merits: Uses the media of television to address a larger audience. This provided the viewers with an understanding of pollution prevention and practical information on how they can reduce the amount of pollution generated at home, work, in the garden, and on the road.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

Activity #11

Title of Activity: DSRSD Booth at “Day on the Glen”

Date: September 22, 2001

Target Audience: Local community

Location: Emerald Glen Park, Dublin

Sponsors/Partners: Sponsored by the City of Dublin

Description of Activity: The “Day on the Glen” festival included Arts & Crafts, Entertainment, Food & Beverages, Skateboard Competition, and a Midway. DSRSD participated by setting up a booth equipped with water conservation and pollution prevention educational handouts and phamlets. Many prizes were given away along with over 1800 bottles of water. An estimated 7,500-10,000 persons were in attendance.

Exceptional Merits: Educate the public about protecting the environment through the use of educational handouts.

Contact (Name, Agency & Address): John Pettinichio
Dublin San Ramon Services District
7399 Johnson Drive
Pleasanton, CA. 94588

POLLUTION PREVENTION WEEK 2001
ENVIRONMENTAL MANAGEMENT, EDWARDS AIR FORCE BASE (AFB)
ACTIVITIES

ACTIVITY 1	NEWSPAPER FEATURE
TYPE OF ACTIVITY:	PUBLIC EDUCATION/AWARENESS
DATE:	SEPTEMBER 14, 2001 (PUBLICATION DATE)
ACTIVITY:	PUBLICATION OF FEATURE ARTICLE IN BASE NEWSPAPER (<i>DESERT WINGS</i>)
TARGET AUDIENCE:	BASE POPULATION OF OVER 16,000 (WORKERS AND RESIDENTS); THE <i>DESERT WINGS</i> HAS A CIRCULATION OF OVER 10,000 COPIES.
LOCATION:	EDWARDS AFB, CALIFORNIA
DESCRIPTION OF ACTIVITY:	THIS ARTICLE CHRONICLED SOME OF THE MOST NOTEWORTHY ACCOMPLISHMENTS OF THE EDWARDS P2 PROGRAM OVER THE COURSE OF THIS PAST YEAR. SUCCESSES INCLUDE THE AIR FORCE RESEARCH LABORATORY'S DEVELOPMENT OF ROCKET PROPELLANTS, AND MANUFACTURING PROCESSES THAT ARE MORE ENVIRONMENTALLY SAFE ARE SPECIFIED. THE ARTICLE ALSO REMINDED READERS THE EDWARDS' P2 PROGRAM IS IN LINE WITH NATIONAL P2 CONCERNS WITH REGARD TO MAKING THE ENVIRONMENT CLEANER, SAFER, AND HEALTHIER.
ACTIVITY 2	NEWSPAPER FEATURE
TYPE OF ACTIVITY:	PUBLIC EDUCATION/AWARENESS
DATE:	SEPTEMBER 14, 2001 (PUBLICATION DATE)
ACTIVITY:	PUBLICATION OF FEATURE ARTICLE IN BASE NEWSPAPER (<i>DESERT WINGS</i>)
TARGET AUDIENCE:	BASE POPULATION OF OVER 16,000 (WORKERS AND RESIDENTS); THE <i>DESERT WINGS</i> HAS A CIRCULATION OF OVER 10,000 COPIES.
LOCATION:	EDWARDS AFB, CALIFORNIA
DESCRIPTION OF ACTIVITY:	THIS SECOND ARTICLE CONTAINED INFORMATION ON HOW EVERYONE CAN PLAY A PART IN THE P2 PROGRAM AT WORK AND HOME. ITEMS MENTIONED INCLUDED USING ALL-PURPOSE CLEANERS AND CLEANING OUT CLOGGED DRAINS ARE MENTIONED.

ACTIVITY 3	P2 WEEK PROCLAMATION POSTER
TYPE OF ACTIVITY:	PUBLIC EDUCATION/AWARENESS
DATE:	SEPTEMBER 11-13, 2001
ACTIVITY:	DISTRIBUTED P2 WEEK PROCLAMATION POSTER, SIGNED BY THE AIR FORCE FLIGHT TEST CENTER COMMANDER, TO KEY LOCATIONS ON BASE.
TARGET AUDIENCE:	EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL.
LOCATION:	DISPLAYED IN 150 KEY LOCATIONS ON EDWARDS AFB, CALIFORNIA.
DESCRIPTION OF ACTIVITY:	PRODUCED PROCLAMATION POSTERS AND DISTRIBUTED THEM FOR DISPLAY.
 ACTIVITY 4	 P2 WEEK THEME POSTER
TYPE OF ACTIVITY:	PUBLIC EDUCATION/AWARENESS
DATE:	SEPTEMBER 11-13, 2001
ACTIVITY:	DISTRIBUTED P2 WEEK “CREATE YOUR REALITY” THEME POSTERS TO KEY LOCATIONS ON BASE.
TARGET AUDIENCE:	EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL.
LOCATION:	DISPLAYED IN KEY LOCATIONS ON EDWARDS AFB, CALIFORNIA.
DESCRIPTION OF ACTIVITY:	DISTRIBUTED “CREATE YOUR REALITY” THEME POSTERS FOR DISPLAY.
 ACTIVITY 5	 COMMANDER’S WHAT IS GOING ON (WIGO)
TYPE OF ACTIVITY:	PUBLIC EDUCATION/AWARENESS
DATE:	SEPTEMBER 5, 2001 (PUBLICATION DATE)
ACTIVITY:	PUBLICATION IN THE AIR FORCE FLIGHT TEST CENTER COMMANDER’S WEEKLY E-MAIL TO BASE PERSONNEL.
TARGET AUDIENCE:	EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL.
LOCATION:	EDWARDS AFB, CALIFORNIA
DESCRIPTION OF ACTIVITY:	THE FOLLOWING QUOTE WAS TAKEN FROM THE E-MAIL, “TEAM EDWARDS WILL JOIN CALIFORNIA AND THE REST OF THE NATION IN DESIGNATING THE WEEK OF 17 THROUGH 23 SEPTEMBER AS POLLUTION PREVENTION WEEK. WE HERE AT EDWARDS ARE ALREADY GOOD STEWARDS OF THE LAND WE USE, AND I ENCOURAGE ALL OF YOU TO CONTINUE TO APPROACH ENVIRONMENTAL PROTECTION IN TERMS OF PREVENTION INSTEAD OF

CLEANUP.”

ACTIVITY 6	LETTERS OF APPRECIATION AND AWARD CERTIFICATES
TYPE OF ACTIVITY:	RECOGNITION OF PERSONNEL FOR P2 ACHIEVEMENTS
DATE:	SEPTEMBER 19, 2001
ACTIVITY:	DISTRIBUTED LETTERS OF APPRECIATION AND AWARD CERTIFICATES TO SIX MILITARY AND CIVILIAN EMPLOYEES.
TARGET AUDIENCE:	EDWARDS AFB MILITARY AND CIVILIAN PERSONNEL.
LOCATION:	AWARDS PRESENTED TO SIX INDIVIDUALS REPRESENTING THEIR UNITS LOCATED THROUGHOUT EDWARDS AFB, CALIFORNIA.
DESCRIPTION OF ACTIVITY:	MEMBERS OF THE ENVIRONMENTAL MANAGEMENT STAFF AWARDED LETTERS AND CERTIFICATES OF APPRECIATION TO SIX INDIVIDUALS. THE LETTERS PRESENTED TO THE INDIVIDUALS SUMMARIZED EACH OF THEIR SPECIFIC ACHIEVEMENTS AND WERE SIGNED BY THE ENVIRONMENTAL MANAGEMENT DIRECTOR. AWARD CERTIFICATES WERE PRESENTED IN CONJUNCTION WITH THE LETTERS AND WERE SIGNED BY THE ENVIRONMENTAL MANAGEMENT DIRECTOR. THE LETTERS AND CERTIFICATES WERE PRESENTED TO THE FOLLOWING INDIVIDUALS: MSGT TIMOTHY HANLEY FOR HIS EFFORTS IN OBTAINING A STEAM CLEANER FOR CLEANING THE BOMB RACKS AND ROTARY LAUNCHERS THEREBY ELIMINATING THE USE OF HAZARDOUS CLEANING AGENTS; TSGT JOHN BROWN FOR HIS EFFORTS IN OBTAINING A NEW FLOOR SWEEPER/SCRUBBER THEREBY ELIMINATING THE USE OF POLLUTION PRODUCING CLEANERS; TSGT GREGORY MOTEN FOR HIS EFFORTS IN TESTING THE PERFORMANCE, BATTERY LIFE, AND DEPENDABILITY OF THE DRY CELL BATTERY VERSUS THE GEL CELL BATTERY THEREBY ENABLING THE USE OF THE DRY CELL BATTERY WITH INCREASED RECYCLING COMPONENTS; SSGT JOHN MCFARLAND FOR HIS EFFORTS IN MAINTAINING ACCURATE RECORDS AS HIS SQUADRON'S HAZARDOUS MATERIALS PHARMACY REPRESENTATIVE THEREBY RECEIVING HIGH MARKS IN EDWARDS' FIRST HAZARDOUS MATERIALS MANAGEMENT SYSTEM INVENTORY RECONCILIATION; MR. LEO PEDRAZA FOR HIS EFFORTS IN MAINTAINING ACCURATE RECORDS AS HIS SQUADRON'S HAZARDOUS MATERIALS PHARMACY REPRESENTATIVE THEREBY RECEIVING HIGH MARKS IN EDWARDS' FIRST HAZARDOUS MATERIALS MANAGEMENT SYSTEM INVENTORY RECONCILIATION; AND MR. MARTIN PALOMARES FOR HIS EFFORTS IN IMPLEMENTING NEW PROCESSES TO REDUCE

THE QUANTITY AND TYPE OF HAZARDOUS MATERIALS USED IN THE BASE ENVIRONMENTAL ANALYTICAL LABORATORY THEREBY MAKING THE LAB A SAFER PLACE TO WORK AND LOWER HAZARDOUS WASTE DISPOSAL COSTS.

ACTIVITY 7 **P2 ROUND TABLE MEETING**

TYPE OF ACTIVITY: **EDUCATION/AWARENESS**

DATE: **SEPTEMBER 17, 2001**

ACTIVITY: **CONDUCTED TO DISCUSS THE UPCOMING COMPLIANCE SITE INVENTORY (CSI).**

TARGET AUDIENCE: **EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL.**

LOCATION: **EDWARDS AFB, CALIFORNIA.**

DESCRIPTION OF ACTIVITY: **THIS MEETING WAS CONDUCTED TO DISCUSS THE CSI AND THE WORK INVOLVED IN BRINGING THE INVENTORY UP TO DATE. THIS INVENTORY ENCOMPASSES APPROXIMATELY 1,500 SITES BASEWIDE. EMPHASIS FOR THIS INVENTORY IS ON COMPLIANCE THROUGH P2 (CTP2).**

ACTIVITY 8 **P2 WORKSHOP**

TYPE OF ACTIVITY: **EDUCATION/AWARENESS**

DATE: **SEPTEMBER 18-19, 2001**

ACTIVITY: **CONDUCTED A P2 WORKSHOP.**

TARGET AUDIENCE: **EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL INVOLVED IN THE EDWARDS P2 PROGRAM.**

LOCATION: **EDWARDS AFB, CALIFORNIA.**

DESCRIPTION OF ACTIVITY: **A WORKSHOP WAS CONDUCTED TO PROVIDE APPROXIMATELY 20 PERSONNEL WITH TRAINING REGARDING THE EDWARDS' P2 PROGRAM. TRAINING MATERIAL INCLUDED BACKGROUND INFORMATION, LEGISLATION GOVERNING THE PROGRAM, AIR FORCE MATERIEL COMMAND (AFMC) P2 DIRECTIVES, GUIDANCE ON COMPLIANCE THROUGH P2 (CTP2). EDWARDS HAS TAKEN THE LEAD IN CTP2 WITHIN AFMC.**

ACTIVITY 9	TOUR OF CONFORMING STORAGE FACILITY (CSF)
TYPE OF ACTIVITY:	EDUCATION/AWARENESS
DATE:	SEPTEMBER 18, 2001
ACTIVITY:	CONDUCTED A TOUR OF THE BASE'S CONFORMING STORAGE FACILITY (CSF).
TARGET AUDIENCE:	EDWARDS AFB MILITARY, CIVILIAN, AND CONTRACTOR PERSONNEL WHO USE AND HANDLE HAZARDOUS MATERIAL.
LOCATION:	CSF (BUILDING 4916), EDWARDS AFB, CALIFORNIA.
DESCRIPTION OF ACTIVITY:	A WALKING-LECTURE TOUR OF THE CSF WAS CONDUCTED FOR APPROXIMATELY 20 INDIVIDUALS BY THE CSF MANAGER, MR. CAT MCDONALD, AND HAZARDOUS MATERIAL HANDLER, MR. WENDELL BLACKWELL. THE TOUR HIGHLIGHTED THE FUNCTION AND OPERATION OF THE CSF. EMPHASIS WAS PLACED ON THE HAZARDOUS WASTE LIFECYCLE AT EDWARDS AFB SO THAT ATTENDEES HAD HOLISTIC KNOWLEDGE. SPECIFIC INSTRUCTIONS INCLUDED HOLDING TIMES AT ACCUMULATION POINTS AS WELL AS MATERIAL LABELING REQUIREMENTS. QUESTION AND ANSWER DISCUSSIONS WERE HELD CONTINUOUSLY THROUGHOUT THE TOUR.

ECOLUTIONS, INC. P2 2001 ACTIVITY

Activity #1 **CEPTR (Classroom Education and Training Program)**

Date: **3-01-01**

Activity: **Pollution Prevention Education Initiative**

Target Audience: **Grades 1 through 8 (Elementary school here in Los Angeles)**

Location: **Immaculate Conception Elementary School**
830 Green Ave, IA, CA 90

Activity #2 **CEPTR (Classroom Education and Training Program)**

Date: **5-17-01, 5-18-01**

Target Audience: **6th Grade**

Location: **LAUSD (Los Angeles Unified School District)**
4201 Fountain Avenue, LA CA 90029

Description of Activities

Ecolutions has developed a pollution prevention (p2) education initiative called, the *Classroom Education and Pollution Prevention Training (CEPTR)* program to raise individual and community awareness on the damaging effects of excessive and improper toxic chemical use in the urban landscape and its impacts on our health, welfare, and environment.

Partners:

Immaculate Conception
Principle: Mary Ann Murphy

LAUSD
Tracy Bishop, Linda Howard or Ted Banta

Contact:

Ecolutions, Inc.
609 ½ Washington Blvd
Marina Del Rey, CA 90292
Paul Nero, Director of PR and Marketing
Brian Dolansky, Program Director
310-823-2633 or pnero@ecolutions.org

EQUILON ENTERPRISES LLC. P2 2001 Activities

Title of Activity: Recycling/Reuse of Soiled Rags, Pads, and Gloves

Date: January 2000 – March 2001

Locations: Equilon Enterprises LLC. – Martinez Terminal
Equilon Enterprises LLC. – Van Nuys Terminal
Equilon Enterprises LLC. – Stockton Terminal
Equilon Enterprises LLC. – Mission Valley/San Diego

Terminals

Equilon Enterprises LLC. – Wilmington Terminal
Equilon Enterprises LLC. – San Jose Terminal
Equilon Enterprises LLC. – Signal Hill Terminal
Equilon Enterprises LLC. – Colton/Rialto Terminals
Equilon Enterprises LLC. – Sacramento Terminal

Description of Activity:

Equilon's petroleum bulk distribution terminals deliver millions of gallons of gasoline, diesel fuel, and jet fuel annually to its customers. Rags, pads, and gloves soiled with petroleum products are the primary residual generated through routine activities at the terminals. Rags and pads are used to clean petroleum residues from hoses, valves, manifolds, etc. and gloves are used to protect employees from skin exposure to petroleum hydrocarbons. The soiled rags, pads, and gloves are managed off-site by a commercial laundry facility that recovers the hydrocarbons and cleans the materials for reuse under SB419 – Reusable, Soiled Textile Materials. All materials are returned to the same facility they originated from and the cycle begins again. All drums are also reused. Using the proper materials, this cycle can be repeated 20-30 times before the materials are not longer fit for use and require management as a solid waste.

FOR THE PERIOD OF JANUARY 2000 – MARCH 2001, THE FOLLOWING LOCATIONS REDUCED THE AMOUNT OF WASTE AND ASSOCIATED CONTAMINANTS FROM BEING DISPOSED.

TERMINAL	DRUMS (EACH)	QTY OF ABSORBENTS (POUNDS)	GLOVES (PAIRS)
MARTINEZ TERMINAL	4	324	229
VAN NUYS TERMINAL	4	103	84
STOCKTON TERMINAL	3	137	96
MISSION VALLEY/SAN DIEGO TERMINALS	2	79	88
WILMINGTON TERMINAL	4	362	78
SAN JOSE TERMINAL	4	140	138
SIGNAL HILL TERMINAL	5	102	690
COLTON/RIALTO TERMINALS	1	65	148
SACRAMENTO TERMINAL	4	300	317
TOTALS	30	1,612	1,868

CONTACT: MICHAEL ZARELLA, JR., CHMM

Activity #2: NP2W Newsletter and poster distribution

Date: September 2001

Locations: Equilon Transportation - Environmental
Centralized Residual Management Team

Description of Activity:

Equilon's Centralized Residual Management Team (CRMT) provides a single point of contact resource for management of residuals and wastes by the company's Transportation locations. Typical Transportation supported businesses include bulk petroleum distribution terminals and pipelines. To promote National Pollution Prevention Week, the CRMT put together a special newsletter describing the benefits of pollution prevention in both the workplace and at home. The newsletter was distributed electronically to the entire Transportation organization. The electronic distribution of the newsletter was followed up with a mail out to 25 company locations in California. The mail out included a printed copy of the newsletter and a National Pollution Prevention Week poster, *Create Your Reality*, provided by the Department of Toxic Substances Control, with instructions to hang the poster in a prominent location at the facility.

Contact: Michael Zarella, Jr., CHMMEquilon Pipeline Company LLC

CITY OF ESCONDIDO P2 2001 ACTIVITIES

Title of Activity: Stormwater Pollution Awareness: Splash Van, Stormwater Baseline Survey

Date(s): September 17-21, 2001

Location: 1. Local Schools: Conway Elementary, Oak Hill, North Broadway, Central and Rose Elementary School and 2. Residents throughout Escondido

Sponsors/Partners: San Diego County Water Authority, San Diego County Office of Education

Description of Activities: This year's focus for Pollution Prevention was stormwater pollution awareness. The City of Escondido Council proclaimed Stormwater Pollution Prevention Week at its September 19th council meeting.

The City of Escondido sponsored the San Diego County Office of Education's Splash Van for 5 local schools. The Splash Van is a traveling field trip consisting of 6 research stations. At the end of the hour each station reports their findings and the group draws their conclusions as to why the Gambusia fish are disappearing from the local lakes.

The City of Escondido conducted a phone survey of its residents throughout September in order to get a baseline of residents' knowledge and habits in regards to stormwater pollution.

Exceptional Merits: The City will take the findings from the phone survey and implement a public educational campaign.

NORTH COAST POLLUTION PREVENTION COMMITTEE AND HUMBOLDT COUNTY POLLUTION PREVENTION ACTIVITY

SEPTEMBER 17, 2001, PRESS RELEASE

Local Organizations Receive Pollution Prevention HERO Awards

Three local organizations are the recipients of the 2001 Pollution Prevention HERO (Humboldt Environmentally Responsible Organization) Awards.

The awards will be presented on Tuesday, September 18, 2001 at the Humboldt County Board of Supervisors meeting in recognition of National Pollution Prevention Week.

St. Joseph Hospital in Eureka has replaced equipment and chemicals with less toxic and non-toxic alternatives. The use of ethylene oxide for equipment sterilization is being reduced as alternative methods such as Cidex OPA and Steris are utilized. Cleaning chemicals containing phenols have been replaced with less toxic ammonium chloride products. Equipment containing mercury is being replaced with non-mercury alternatives. Bulk chemicals have been replaced with “unit doses” to prevent leftover or expired chemicals. St. Joseph Hospital has realized cost savings by decreasing the amount of hazardous waste generated. The alternative sterilization and cleaning chemicals are also much safer for employees.

North Coast Schools Insurance Group in Eureka performed a “clean sweep” of 22 North Coast school science labs in August 2001. A total of 1562 chemicals were removed, with disposal costs exceeding \$45,000. Each school science lab now has an up to date chemical inventory. Science teachers purchase chemicals in smaller quantities to avoid outdated and expired chemicals from accumulating in their schools. This project will continue over the following year to include all chemicals at 166 school sites including those located in photo classrooms, print shops, maintenance shops, art classrooms, and janitorial closets.

The Coral Sea Research Vessel operated by Humboldt State University in Arcata has installed a saltwater containment system that eliminates all pollutants from the overboard discharge. Saltwater is captured from the engine area and diverted to a containment system, rather than being allowed to drip into the bilge. The saltwater is then safely removed without being

contaminated by oil. The clean bilge system was designed by the Coral Sea's engineer Chris Seitz and decreases the time required for vessel maintenance. Humboldt State University proactively promotes pollution prevention projects like this one.

Contact: Tracy Wyhlidko, Awards Chairperson, North Coast Pollution Prevention Committee 4301 Hilfiker Lane, Eureka, CA 95503 (707) 441-4362 fax (707) 441-4366 and <Twyhlidko@eurekaweb.com>

FRESNO AREA P2 COMMITTEE P2 ACTIVITIES

The Fresno Area Pollution Prevention Committee (FAP2C) held an information fair at Fresno City Hall on September 18, 2001 approximately 250 people attended. Thirteen agencies participated each with a display booth and handouts.

The FAP2C also sponsored a poster contest for grades K-12. All the schools in Fresno County received an invitation and copy of the P2 turtle poster. All the entries hung in the first floor lobby of Fresno City Hall during P2 week. The FAP2C visited and awarded prizes to eleven classrooms. Bubbles Beaver presented the awards to many of the younger students.

Finally, Karen McClanahan of the City of Fresno's Water Conservation Program and Chairperson of the FAP2C was the lead person in suggesting to the Fresno City Council to declare via a proclamation Sept 17-23 Pollution Prevention Week. The participating agencies were:

Fresno Metro Flood Control District	Daniel Rourke 5469 E OLIVE FRESNO CA 93727-2541
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San Joaquin Valley Unified APCD	Josette Merced Bello 1990 E GETTYSBURG AVE FRESNO CA 93726-0244
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COUNTY OF FRESNO Human Services System Environmental Health	Lisa Smoot PO BOX 11867 FRESNO CA 93775
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Planning & Resource Mgt.	Leslie Kline 2220 TULARE ST 6 TH FL FRESNO CA 93721-2106
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CITY OF FRESNO Public Utilities Solid Waste Management	Shirley Pharis 1325 E EL DORADO FRESNO CA 93706-2014
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Public Utilities Water Conservation

Karen McLanahan
1910 E UNIVERSITY
FRESNO CA 93703-2988

Public Utilities Wastewater Mgt.

Janell Parker
5607 W JENSEN AVE
FRESNO CA 93706-9458

OTHER PARTICIPANTS

Central Valley Ridesharing

Brenda Lauchner
2100 TULARE ST STE 619
FRESNO CA 93721-2112

The Discovery Center

Marlene Myatt
1937 N WINERY AVE
FRESNO CA 93703-2828

STATE OF CALIFORNIA

CalTrans

Karen Simms
PO BOX 12616
FRESNO CA 93778-2616

Fish & Game

Fishing in the City

Robin Niemi
1234 E SHAW AVE
FRESNO CA 93710-7899

Regional Water Quality Control Board

Central Valley Region

Anthony Toto
3614 E ASHLAND
FRESNO CA 93726-3595

Cal/EPA Fresno Area Permit Assistance Center

Mary Bartholomew
2600 FRESNO ST 3RD FL RM 3043
FRESNO CA 93721

CITY OF FREMONT AND UNION SANITARY DISTRICT POLLUTION PREVENTION ACTIVITIES

Activities: Creek Clean-Up
Green Business Auto Service Specials
Integrated Pest Management (IPM) Presentations

Date: September 17-23, 2001

Target Audience: Public-City of Fremont Residents, Local PTAs and Schools

Location: City-Wide

Sponsors/Partners: City of Fremont, Union Sanitary District, Local Auto Service Green Businesses

Descriptions of Activities: Creek Clean-up of Laguna and Sabercat Creek by Los Positas Students and local citizens, Pollution Prevention Coupons from local Green Businesses and Auto Services such as Fuel System Cleaning, Smog Specials, Diagnostic Check-Up Service, and Maintenance Services, and presentations by City of Fremont and Union Sanitary District representatives to local PTA groups and schools on integrated pest management and the use of less toxic alternatives.

Contact: Mark Fournier, City of Fremont, Development and Environmental Services Department, Environmental Services Division, 39550 Liberty St., P.O. Box 5006, Fremont, CA 94537-5006, (510) 494-4566 and www.ci.fremont.ca.us

RUSSIAN RIVER WATERSHED CLEANUP COMMITTEE P2 2001 ACTIVITIES

The Russian River Watershed Cleanup is a project of the Sonoma County Conservation Council (SCCC).

Date: Saturday, September 22 & Sunday, September 23, 2001

Activity: Remove litter from a 50 mile stretch of the river and riverbanks and sort the collected materials for recycling or proper disposal.

Target Audience: Recreationalists, outdoor enthusiasts, and all citizens of Sonoma County who depend on the Russian River for their water supply and water-related activities.

Location: Russian River from Cloverdale, CA to Jenner, CA. Main collection center at Trowbridge Beach in Healdsburg, CA.

Sponsors/Partners: Sequoia Paddling Club; Pacific Gas & Electric; Trowbridge Canoe Trips; Burke's Canoes; Empire Waste Management; Guerneville Graphics & Printing; Sonoma County Public Works – Refuse Disposal; Sonoma County Water Agency; State Coastal Conservancy; Sunrise Garbage Service; West Sonoma County Disposal Service; Sierra Club; Sprint Copy Center-Sebastopol, CA; Mendocino Glove Company; Sonoma County Probation Camp; Healdsburg High School; Garbage Reincarnation Inc.; and other businesses and individuals.

Description of Activity: On Saturday, approximately 300 volunteers clean a 50 mile stretch of the river by canoe and on foot, from Cloverdale, CA, (at the northern-most end of Sonoma County, CA) to where the Russian River meets the Pacific Ocean, in Jenner, CA. On Sunday, collected materials are brought to a central sorting area in Healdsburg, CA and are processed based on whether they are “trash” or “recyclable.” The sorted, recyclable materials are then brought to a certified recycling center, weighed, and redeemed for recycling, and the remaining “trash” is hauled to the Sonoma County Landfill. Records are kept of the types and weights/quantities of materials collected so that the success of the event may be accurately measured and recorded.

Exceptional Merits: This event involves and utilizes the collective efforts of many different organizations, businesses, and individuals. It truly is a community event, it encourages river, outdoor, environmental recreation-ists, and enthusiasts, and all of the people of Sonoma County who depend on the Russian River for their water supply and water-related activities, to be involved with, and to acknowledge the importance of, the overall well-being of the Russian River Watershed. Additionally, important natural resources are preserved and recycled.

Contact: Russian River Watershed Cleanup www.russianrivercleanup.org
(707) 577-7151

POLLUTION PREVENTION ACTIVITY AWARD

Agency/Entity: City of Bakersfield Fire Department Environmental Services and Golden Empire Transit (GET) District

Activity: Pollution Prevention Awareness Placards on City Buses

Date: September 17-23, 2001

Activity: Public Service Announcement signs placed on inside of every "Golden Empire Transit" Bus in Bakersfield.

Target Audience: General Public which also uses public transit.

Location: Throughout Bakersfield

Sponsors/Partners: Golden Empire Transit (GET) District

Activities: GET Bus provided layout/design of signs for buses.

Exceptional Merits: Increased public awareness, especially among those who regularly use public transportation.











Contact: Howard H. Wines III, City of Bakersfield Fire Department, Office of Environmental Services, 1715 Chester Ave., Ste. 300, Bakersfield, CA 93301, (661) 326-3979, hwines@ci.bakersfield.ca.us

BEST ENVIRONMENTAL PRACTICES FOR AUTOMOBILE AND FLEET MAINTENANCE

THIS FREE WORKSHOP ON POLLUTION PREVENTION ALTERNATIVES FOR LOCAL BUSINESSES IS PRESENTED BY THE STATE DEPARTMENT OF TOXIC SUBSTANCES CONTROL AND HOSTED BY THE GOLETA SANITARY DISTRICT.

THIS WORKSHOP COVERS SENSIBLE POLICIES THAT ALLOW BUSINESSES TO REMAIN COMPETITIVE WHILE PROTECTING AND IMPROVING OUR ENVIRONMENT. LUNCH WILL BE PROVIDED !!!

WORKSHOP TOPICS

-  **ANTIFREEZE RECYCLING TECHNOLOGIES**
-  **AQUEOUS PARTS WASHING FOR
DEGREASING AND BRAKE CLEANING**
-  **DRY SHOP SPILL CLEANUP METHODS**
-  **ECONOMIC AND COMPLIANCE INCENTIVES
FOR BUSINESS**
-  **OIL ANALYSIS**
-  **OIL WATER SEPARATOR
(CLARIFIER) MAINTENANCE**
-  **RE-REFINED OIL**
-  **REUSABLE OIL FILTERS**
-  **REUSABLE SPRAY CONTAINERS TO MINIMIZE
AEROSOL CONTAINER WASTES**
-  **STORMWATER COMPLIANCE**

**LOCATION: GOLETA SANITARY DISTRICT
DECEMBER 12TH 2001**

**ONE WILLIAM MOFFETT PLACE
(805) 967-4519**

DATE: WEDNESDAY,

TIME: 11 AM TO 1 PM

ROOM: GSD BOARDROOM

COMPLETE FORM AND FAX TO TERESA KISTNER (805) 964-3583 OR E-MAIL
TKISTNER@GOLETASANITARY.ORG PRIOR TO DEC. 7TH.

**REGISTER EARLY FOR THIS FREE WORKSHOP (LIMITED SPACE
AVAILABLE)**

NAME: _____ **ORGANIZATION:** _____

TITLE: _____ **PHONE #:** _____

ADDITIONAL ATTENDEES: _____

FOR IMMEDIATE RELEASE

September 6, 2001

Pollution Prevention Week 2001: *Making a Green Difference*

SANTA BARBARA COUNTY, CA – The greendifference.org coalition of county agencies and organizations today announced celebration of national Pollution Prevention Week from September 17 through September 23. This year, the group, led by Santa Barbara County Air Pollution Control District (APCD) and the Community Environmental Council (CEC), suggests we all:

- Protect our creeks and ocean by not hosing or dumping waste in the street, gutters, or storm drains.
- Buy materials that we can recycle, and recycle more.
- Save energy (and money) by installing compact fluorescent lightbulbs, plugging energy leaks, and adjusting the thermostat.
- Share a ride, take the bus, ride a bike, or telecommute.
- Dispose of used oil, paint, and other hazardous materials properly.
- Save water by planting drought-tolerant plants, installing low-flow toilets and showerheads, and fixing leaks.

The greendifference.org coalition is sponsoring an advertising campaign during Pollution Prevention Week, and promoting a website, www.greendifference.org, to provide information on how people can make a green difference.

During Pollution Prevention Week, APCD's interactive kiosk R2P2 (the Robot Resource for Pollution Prevention) will visit the Santa Barbara Museum of Natural History (staying there through December). The Green Award winners will also be announced during Pollution Prevention Week. Sponsored by CEC, APCD, Traffic Solutions, Santa Barbara County Water Agency, and Santa Barbara County Solid Waste and Utilities Division, the Green Awards recognize companies and organizations for outstanding efforts in reducing or preventing pollution.

COALITION CONTACTS:

Community Environmental Council, Steve Clark, 963-0583 x105

Santa Barbara County Air Pollution Control District, Mary Byrd, 961-8833, or Frances Gilliland, 961-8838

City of Santa Barbara, Public Works, Water Conservation, Alison Jordan, 564-5574

City of Santa Barbara, Public Works, Hazardous Waste, Tony Raya, 564-5371

City of Santa Barbara, Creeks Division, Jill Zachary, 897-2658

Santa Barbara County Water Agency, Darcy Aston, 568-3546

Santa Barbara County Solid Waste and Utilities, Alan Nakashima, 882-3616

Traffic Solutions, Mindy Norris, 961-8917

The Sustainability Project, Dennis Allen or John Kelley, 966-3355

City of Carpinteria Public Works, Rick Fulmer, 684-5405 x 443

I Love A Clean San Diego P2 Activities 2002

I Love A Clean San Diego participated in a variety of pollution prevention activities in 2002. These included the following:

Pacific Bell's Telephone Book Recycling Program

Program leaders making 100 environmental presentations a month to schools, community groups and business groups of all ages

Participation in San Diego County's Pollution Prevention/Environmental Faire at Cuyamaca College on September 22, 2002.

Contact: Derek D. Turbide
 Program Manager
 I Love A Clean San Diego
 355 Ruffin Road Suite 118
 San Diego, CA 92123
 W (858) 467-0103 x3007
 C (858) 682-3007
 F (858) 467-1314
 progmgr@ilacsd.org

KERN COUNTY POLLUTION PREVENTION COMMITTEE NATIONAL P2 WEEK 2002 ACTIVITIES

The objectives of the Kern County Pollution Prevention Committee's (KCPPC) program are to: Establish effective networks for communicating, promoting and distributing pollution prevention information and promote and provide support to local pollution prevention programs.

This year the KCPPC organized and coordinated National Pollution Prevention Week 2002 activities during the week of September.

Participating agencies and contacts included the following:

Ms. Ann Boyce
Bakersfield College
1801 Panorama Drive
Bakersfield, CA 93305

Tim Clark
KSS Systems
2701 Fruitvale Avenue
Bakersfield, CA 93308

Tom McCutcheon
Kern Co Waste Mgt. Dept.
2700 M Street, Suite 500
Bakersfield, CA 93301

Ken Comey
Equilon Enterprises, LLC
6451 Rosedale Hwy.
Bakersfield, CA 93308

Barbara Patrick
Supervisor, District 3
Kern Co. Board of Supervisors
1115 Truxtun Ave., Suite 403
Bakersfield, CA 93301

Carol Lee
Frito-Lay
2001 Blue Oak Drive
Bakersfield, CA 93311

Tom Goff
San Joaquin Valley APCD
2700 M Street, Suite 275
Bakersfield, CA 93301-2370

Florentino Castellon, Director
Kern County Permit Asst. Ctr.
2700 M Street, Suite 125
Bakersfield, CA 93301

Steve McCalley, Director
Environmental Health Services
Dept 2700 M Street, Suite 300
Bakersfield, CA 93301

SANITATION DISTRICTS OF LOS ANGELES COUNTY 2001 POLLUTION PREVENTION EFFORTS

Activity 1

Date: October 2000 - October 2001

Activity: Publicity on Lindane Ban

Location: California

Description of Activity: Prompted by the Sanitation Districts' Lindane Usage Reduction Project, California banned the use of lindane in lice and scabies treatment products as of January 1, 2002. Sanitation Districts' lindane reduction efforts during 2001 focused on getting the word out about the ban. Editors of newsletters for the Los Angeles County Medical Association, California Medical Association, and the California School Nurses' Association were contacted regarding the ban and agreed to run articles. An article on the ban also appeared in Environmental Health Perspectives, which is the journal of the National Institute of Environmental Health Sciences.

Exceptional Merits: The original Lindane Usage Reduction Project received the National Pollution Prevention Roundtable's First Place Most Valuable Pollution Prevention Award for 2000.

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsdsd.org>

SANITATION DISTRICTS OF LOS ANGELES COUNTY
2001 Pollution Prevention Efforts

Activity 2

Date: April 2001 – October 2001

Activity: Advisory Panel on South Coast Air Quality Management District (SCAQMD) Rule 1122, Solvent Degreasers

Location: Diamond Bar, California

Description of Activity: Sanitation Districts' personnel sat on an advisory panel regarding proposed amendments to its Rule 1122 Solvent Degreasers. The proposed amendments would eliminate the use of the toxic solvents perchloroethylene and methylene chloride in vapor degreasers. Alternative cleaners are primarily water-based. The Sanitation Districts provided necessary support for the rule, as water quality improvements from reduced usage of these solvents would more than outweigh any adverse impacts from the increased discharge of wastewater from water-based cleaning.

Exceptional Merits: If these amendments to Rule 1122 are passed, they will eliminate one of the last existing industrial uses of perchloroethylene in the Sanitation Districts' service area.

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsds.org>

SANITATION DISTRICTS OF LOS ANGELES COUNTY
2001 Pollution Prevention Efforts

Activity 3

Date: January 17, 2001

Activity: Workshop on Best Environmental Practices for Vehicle Maintenance

Location: Sanitation Districts of Los Angeles County Main Offices

Co-Sponsors/Partners: Cal-EPA/DTSC, Southern California Pollution Prevention Committee

Description of Activity: The Sanitation Districts hosted a workshop put on by the DTSC Office of Pollution Prevention and Technology Development. The workshop was entitled, "Best Environmental Practices for Vehicle Maintenance."

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsdc.org>

SANITATION DISTRICTS OF LOS ANGELES COUNTY
2001 Pollution Prevention Efforts

Activity 4

Date: July 17, 2001

Activity: Workshop on the Southern California Janitorial Chemicals Safety Project

Location: Sanitation Districts of Los Angeles County Main Offices

Co-Sponsors/Partners: Southern California Pollution Prevention, EPA

Description of Activity: The Sanitation Districts hosted a workshop on green janitorial cleaning, with instructor Tom Barron.

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsdsd.org>

SANITATION DISTRICTS OF LOS ANGELES COUNTY
2001 Pollution Prevention Efforts

Activity 5

Date: April – October 2001

Activity: Paradichlorobenzene Reduction Efforts

Location: Los Angeles County, California

Description of Activity: Paradichlorobenzene is a volatile carcinogen that is a solid at room temperature. It is used in urinal and toilet deodorizers, in a crystal form that is 99% paradichlorobenzene. When these deodorizers are used in portable toilets, the paradichlorobenzene enters the portable toilet waste. Due to concerns about paradichlorobenzene concentrations at its Saugus Water Reclamation Plant, in June 2001 the Sanitation Districts banned the use of paradichlorobenzene deodorizers by portable toilet companies that brought waste to this facility. Sampling data later revealed that waste from portable toilets using paradichlorobenzene deodorizers may contain enough of this chemical to make them hazardous wastes. Therefore in September 2001 the Sanitation Districts extended this ban to portable toilet companies that brought waste to any of its treatment plants. As other deodorizing products are less toxic than paradichlorobenzene, these bans forced the companies to substitute with less toxic alternatives.

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsdsd.org>

SANITATION DISTRICTS OF LOS ANGELES COUNTY
2001 Pollution Prevention Efforts

Activity 6

Date: January 16-18, 2001

Activity: Training Workshops for Inspectors and Permit Writers on
Pollution Prevention Techniques for Metal Finishers

Location: Whittier, California and Glendale, California

Co-Sponsors/Partners: US EPA, State Water Resources Control Board, City of
Glendale, and the California Strategic Goals Program

Description of Activity: The Sanitation Districts helped provide arrangements for a series of three half-day workshops on pollution prevention techniques for metal finishers. The workshops were geared toward inspectors and permit writers, and were designed to give participants a working knowledge of truly useful pollution prevention techniques for metal finishers.

Contact: Ann Heil
Los Angeles County Sanitation Districts
1955 Workman Mill Road
Whittier, CA 90601
562-699-7411, ext 2950 or <aheil@lacsdsd.org>

Los Angeles County Fire Department Health Hazardous Materials Division Pollution Prevention Activity

Date(s): 05/04/01 & 08/16/01

Activity: P2 Workshop For Automotive Repair Businesses

Location: Whittier, Calif. & Bell, Calif.

Target Audience: Automotive Repair Businesses

Sponsors/Partners: Rio Hondo College,/ DTSC

Description Of Activity: Presented overview of Department regulations pertaining to automotive repair shops and a P2 overview for automotive repair shops

Exceptional Merits: Businesses that attended the workshops were given a certificate of appreciation in attending and implementing the P2 concepts that they learned.

Contact: Bruce Wojcik
Los Angeles Fire Department
5110 N. Peck Road
El Monte, CA 91732
626-450-7448

Los Angeles Police Department Motor Transport Division P2 Activities

The Los Angeles Police Department (LAPD) is one of 32 departments and bureaus in the City of Los Angeles that uses hazardous materials and generates hazardous wastes. The Motor Transport Division (MTD) has over 23 maintenance shops at 20 locations, servicing over 4,000 vehicles including cars, trucks, and motorcycles. There are 266 employees.

Since 1989, the LAPD-MTD has enthusiastically taken a lead role in promoting and adopting pollution prevention practices in their operations. LAPD-MTD has also supported Hazardous and Toxic Materials Office projects by offering the use of their main and satellite facilities for product and equipment testing, and training of city employees on pollution prevention and hazardous waste management. The MTD was able to successfully navigate the City's large, bureaucratic maze, to adopt some pollution prevention practices. The following are brief highlights of their activities:

1989 - Participated in a joint project with HTM Office and DHS (DTSC). The LAPD-MTD was among several city operations reviewed by DTSC staff for waste minimization opportunities. The DTSC publication as a result of the joint project is titled "Waste Minimization Opportunities for Selected City of L.A. Hazardous Waste Generating Operations", and is available from DTSC.

1997 - Had retired engineers conduct a pollution prevention opportunity assessment of their Parker Center maintenance and repair facility, which resulted in a report "Waste Reduction Assessment: Los Angeles Police Department Motor Transport Division". The document is available to the public so businesses of similar type can identify and adopt pollution prevention practices for their operations.

1998 - Offered use of their main facility for city employee hazardous waste management training.

1999 - Participated in the identification and evaluation of low VOC parts cleaning chemicals and systems. Installed test machines in four downtown and one valley shop. The results of the project can be obtained from the City of L.A. HTM Office's "Alternative Aqueous Cleaners Demonstration Project" report. This

report is also available on USEPA's web site. The MTD also, on their own, tested several Safety-Kleen prototype machines.

2000 - At the main service facility, MTD originally had 13 aqueous parts washers that were all on a 90 day service. The MTD reduce the number of washers to 9, and stretched the service to 16 weeks. The annual aqueous waste output was reduced by one-third, from 3,000 gallons to 2,000 gallons.

2001 - MTD is currently participating in a project with HTM to identify products containing chemicals that will be phased out by the Air Resources Board, and identifying alternatives to use.

For further information, please contact: Alan Brill, 213-485-3495.

CITY OF MILLBRAE POLLUTION PREVENTION WEEK ACTIVITIES

SEPTEMBER 17, 2001 TO SEPTEMBER 23, 2001

Water Pollution Control
Recycling
Water Conservation

Jennifer Auton	(650) 259-2397
Shelly Reider	(650) 259-2444
Catherine Allin	(650) 259-2348

ACTIVITY #1

ACTIVITY:

CITY COUNCIL PROCLAMATION

DATE:

SEPTEMBER 2001

TARGET AUDIENCE:

CITY COUNCIL OF MILLBRAE

LOCATION:

CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: THE CITY COUNCIL WAS INFORMED OF POLLUTION PREVENTION WEEK, ACTIVITIES PLANNED BY THE CITY'S ENVIRONMENTAL PROGRAMS, AND THE OPPORTUNITIES FOR ALL CITIZENS OF MILLBRAE TO PARTICIPATE IN POLLUTION PREVENTION WEEK. THE CITY COUNCIL PROCLAIMED SEPTEMBER 17 TO SEPTEMBER 23, 2001 AS POLLUTION PREVENTION WEEK FOR THE CITY OF MILLBRAE. (THIS TABLE WAS ALSO SET-UP IN THE MAIN PASSAGE WAY AT CITY HALL DURING POLLUTION PREVENTION WEEK TO PROVIDE INFORMATION TO PERSONS TRAVELLING THROUGH.)

ACTIVITY #2

ACTIVITY:

MERCURY THERMOMETER EXCHANGE

DATE:

SEPTEMBER 19, 2001

**TARGET AUDIENCE:
THERMOMETERS**

RESIDENTS WHO OWN MERCURY

LOCATION:

**CITY OF MILLBRAE FIRE STATION, CITY OF BURLINGAME
FIRE STATION AND PENINSULA MEDICAL CENTER IN
BURLINGAME**

DESCRIPTION OF ACTIVITY: THE CITY OF MILLBRAE COORDINATED A FREE MERCURY EXCHANGE PROGRAM WITH THE CITY OF BURLINGAME AND PENINSULA MEDICAL CENTER IN BURLINGAME TO REPLACE OLD MERCURY THERMOMETERS WITH DIGITAL ONES. THE MILLBRAE DROP-OFF POINT FOR

THE EXCHANGE WAS HELD AT THE FIRE STATION ON MAGNOLIA AVE. OVER 600 MERCURY THERMOMETERS AS WELL AS JARS OF MERCURY AND OTHER MERCURY CONTAINING DEVICES WERE COLLECTED, REMOVING 7.06 LBS. OF MERCURY FROM OUR COMMUNITY AND THE ENVIRONMENT. EIGHT THOUSAND POSTCARDS WERE SENT OUT TO THE RESIDENTS OF MILLBRAE LISTING THE TIME, DATE, AND THREE DROP-OFF POINTS FOR THE THERMOMETER EXCHANGE THAT TOOK PLACE ON SEPTEMBER 19, 2001.

ACTIVITY #3

ACTIVITY:	MERCURY REDUCTION OUTREACH AND
EDUCATION TO DENTAL OFFICES	
DATE:	AUGUST AND SEPTEMBER 2001
TARGET AUDIENCE:	DENTAL OFFICES
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: ALL THE DENTAL OFFICES IN MILLBRAE (13 TOTAL) WERE INSPECTED FOR AMALGAM MANAGEMENT. AMALGAM, WHICH IS COMPRISED OF MERCURY AND ANOTHER MALLEABLE METAL, IS THE SUBSTANCE USED TO MAKE FILLINGS. THE INDUSTRIAL WASTE INSPECTOR INVESTIGATED HOW EACH FACILITY STORED USED AND UNUSED AMALGAM, AND MAINTENANCE SCHEDULES FOR AMALGAM TRAPS AND CONTAINERS.

ACTIVITY #4

ACTIVITY:	SCHOOL/TEACHER NEWSLETTER
DATE:	SEPTEMBER 10, 2001
TARGET AUDIENCE:	TEACHERS WORKING IN THE PUBLIC AND
PRIVATE SCHOOLS OF MILLBRAE	
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: A NEWSLETTER WAS CREATED FOR TEACHERS AND PRINCIPALS BY THE CITY'S ENVIRONMENTAL PROGRAMS (WATER CONSERVATION, RECYCLING & WASTE PREVENTION, AND POLLUTION PREVENTION PROGRAMS) TO CONVEY INFORMATION ON OPPORTUNITIES FOR TEACHERS AND STUDENTS ON POLLUTION PREVENTION AND POLLUTION PREVENTION WEEK. THIS IS A BI-ANNUAL NEWSLETTER FOCUSING ON RECYCLING, WATER CONSERVATION, HOUSEHOLD HAZARDOUS WASTE MANAGEMENT, AND POLLUTION PREVENTION. IT ALSO PRESENTS EDUCATIONAL ACTIVITIES FOR STUDENTS, THE AVAILABILITY OF FREE RESOURCES, RECENT PROJECTS AND SURVEYS, AND A CALENDAR OF RELATED EVENTS.

ACTIVITY #5

ACTIVITY:	PRESS RELEASE
DATE:	SEPTEMBER 5, 2001
TARGET AUDIENCE:	CITIZENS OF MILLBRAE AND
SURROUNDING CITIES	
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: PRESS RELEASE FOR COUNTYWIDE NEWSPAPERS TO INCREASE AWARENESS OF POLLUTION PREVENTION WEEK AND OPPORTUNITIES FOR PARTICIPATING IN POLLUTION PREVENTION ACTIVITIES.

ACTIVITY #6

ACTIVITY: STREET BANNER
DATE: SEPTEMBER 17 TO SEPTEMBER 23, 2001
TARGET AUDIENCE: RESIDENTS AND PERSONS FROM VARIOUS COMMUNITIES
DOING BUSINESS IN MILLBRAE.
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: A STREET BANNER WAS SET UP ACROSS THE BUSIEST STREET TO RAISE AWARENESS ABOUT THE ENVIRONMENT. THE BANNER STATED "DISCOVER, PROTECT AND CONSERVE". THE PURPOSE WAS TO BRING MORE ATTENTION TO THE ACTIVITIES PROVIDED BY THE CITY FOR PARTICIPATING IN POLLUTION PREVENTION WEEK.

ACTIVITY #7

ACTIVITY: P2 POSTER
DATE: SEPTEMBER 17 TO SEPTEMBER 23, 2001
TARGET AUDIENCE: BUSINESSES AND PEOPLE PASSING THE
BUSINESSES IN MILLBRAE
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: TO BRING AWARENESS THAT SEPTEMBER 17 TO SEPTEMBER 23, 2001 IS POLLUTION PREVENTION WEEK. THE NATIONAL POSTER WAS DISPLAYED IN THE WINDOWS OF VARIOUS BUSINESSES AND EACH BUSINESS WAS ALSO PRESENTED INFORMATION ON POLLUTION PREVENTION WEEK.

ACTIVITY #8

ACTIVITY: PUBLIC ACCESS TELEVISION VIDEOS AND PUBLIC SERVICE
ANNOUNCEMENTS
DATE: SEPTEMBER 17 TO SEPTEMBER 23, 2001
TARGET AUDIENCE: CITIZENS OF MILLBRAE WHO WATCH THE PUBLIC ACCESS
CHANNEL
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: TO PRESENT ENVIRONMENTAL EDUCATION VIDEOS FOR THE CITIZENS OF MILLBRAE TO TIE INTO POLLUTION PREVENTION WEEK. EACH VIDEO WAS PRESENTED TWICE EACH DAY FOR THREE DAYS DURING POLLUTION PREVENTION WEEK AFTER PROGRAMS THAT WOULD HAVE A LARGE AUDIENCE. PUBLIC SERVICE ANNOUNCEMENTS WERE ALSO AIRED AND INCLUDED INFORMATION ON HOW TO PREVENT POLLUTION.

ACTIVITY #9

ACTIVITY: P2 BOOTH AT STARBUCKS
DATE: SEPTEMBER 20, 2001
TARGET AUDIENCE: PERSONS WALKING BY THE BUSIEST BUSINESS
ACTIVITY DURING THE DAY
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: A BOOTH WAS SET UP AND STAFFED FOR THREE HOURS DURING THE BUSIEST TIME OF DAY OUTSIDE OF A LOCAL *STARBUCKS* COFFEE ESTABLISHMENT. INFORMATION AND BROCHURES WERE GIVEN OUT

AND PEOPLE ASKED QUESTIONS ABOUT POLLUTION PREVENTION OPPORTUNITIES IN THEIR HOMES AND BUSINESSES. A SPECIAL VISIT WAS MADE BY *AQUA THE WATER WITCH*, A CITY EMPLOYEE, WHO HANDS OUT WATER CONSERVATION INFORMATION.

ACTIVITY #10

ACTIVITY:	UTILITY BILL BOOK MARK
DATE:	SEPTEMBER AND OCTOBER 2001
TARGET AUDIENCE:	CITIZENS OF MILLBRAE
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: BOOKMARKS WERE INSERTED INTO UTILITY BILLS DISTRIBUTED TO THE CITIZENS OF MILLBRAE. THIS BROUGHT ATTENTION TO POLLUTION PREVENTION ACTIVITIES AND ENVIRONMENTAL PROGRAMS AVAILABLE TO THE CITIZENS OF MILLBRAE.

ACTIVITY #11

ACTIVITY:	BACKYARD COMPOSTING WORKSHOP
DATE:	SEPTEMBER 22, 2001
TARGET AUDIENCE:	CITIZENS OF MILLBRAE WANTING TO LEARN MORE ABOUT BACKYARD COMPOSTING
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: A FREE BACKYARD COMPOSTING CLASS WAS PRESENTED FOR THE CITIZENS OF MILLBRAE AND SURROUNDING CITIES WANTING TO LEARN MORE ABOUT BACKYARD COMPOSTING. DEMONSTRATIONS ON COMPOSTING TECHNIQUES WERE GEARED TOWARD WASTE REDUCTION AND USE OF COMPOST.

ACTIVITY #12

ACTIVITY:	ADVERTISEMENTS ABOUT P2 WEEK
DATE:	SEPTEMBER 2001
TARGET AUDIENCE:	MILLBRAE RESIDENTS
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: TWO ADVERTISEMENTS WERE PLACED IN THE *LEISURE ACTIVITIES GUIDE* DISTRIBUTED BY THE PARKS AND RECREATION DEPARTMENT TO RESIDENTS ON CLASSES AND WORKSHOPS. ONE ADVERTISEMENT WAS ON POLLUTION PREVENTION WEEK AND GAVE IDEAS ABOUT OPPORTUNITIES FOR PREVENTING POLLUTION IN THE HOME. THE OTHER AD ADVERTISED THE COUNTY'S HOUSEHOLD HAZARDOUS WASTE COLLECTION PROGRAM.

ACTIVITY #13

ACTIVITY:	POLLUTION PREVENTION ARTICLE
DATE:	SEPTEMBER 2000
TARGET AUDIENCE:	CHAMBER OF COMMERCE BUSINESS MEMBERS
LOCATION:	CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: AN ARTICLE WAS PLACED IN THE *CHAMBER'S MONTHLY NEWSLETTER* AND INCLUDED TIPS FOR PREVENTING POLLUTION, AND ACTIVITIES THAT WOULD BE PRESENTED DURING POLLUTION PREVENTION WEEK BY THE CITY.

ACTIVITY #15

ACTIVITY: LIBRARY AND COMMUNITY CENTER
WINDOW DISPLAYS
DATE: SEPTEMBER 17 TO SEPTEMBER 23, 2001
TARGET AUDIENCE: CITIZENS OF MILLBRAE
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: WINDOW DISPLAYS EXHIBITING INFORMATION ON WATER CONSERVATION, ENERGY, RECYCLING AND POLLUTION PREVENTION.

ACTIVITY #16

ACTIVITY: ART AND WINE FESTIVAL
DATE: SEPTEMBER 1 AND SEPTEMBER 2, 2001
TARGET AUDIENCE: FESTIVAL ATTENDEES
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: POLLUTION PREVENTION INFORMATION WAS DISPLAYED AND HANDED OUT AT THE FESTIVAL.

ACTIVITY #17

ACTIVITY: CITY EMPLOYEE P2 AWARENESS
PROGRAM
DATE: SEPTEMBER 26, 2001
TARGET AUDIENCE: CITY EMPLOYEES
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: AN ONGOING PROGRAM FOR CITY EMPLOYEES WAS INITIATED FOR DISTRIBUTION OF EDUCATIONAL POSTERS THROUGH EMAIL TO BRING AWARENESS OF OPPORTUNITIES TO REDUCE POLLUTION. THESE POSTERS DEALT WITH DIOXIN AND DIAZINON. THE POSTERS WERE ALSO DISPLAYED AT THE PARKS AND RECREATION OFFICES FOR PUBIC EDUCATION.

ACTIVITY #18

ACTIVITY: CITY OF MILLBRAE OPEN HOUSE
DATE: OCTOBER 27, 2001
TARGET AUDIENCE: CITIZENS OF MILLBRAE
LOCATION: CITY OF MILLBRAE

DESCRIPTION OF ACTIVITY: TABLES WERE SET UP AND STAFFED FOR FOUR HOURS DURING OPEN HOUSE OUTSIDE MILLBRAE CITY HALL. WATER CONSERVATION, RECYCLING, POLLUTION PREVENTION, AND PRETREATMENT INFORMATION WAS AVAILABLE. PEOPLE ASKED QUESTIONS ABOUT POLLUTION PREVENTION OPPORTUNITIES IN THEIR HOMES AND BUSINESSES AND WERE ABLE TO MEET THE PEOPLE IN CHARGE OF EACH PREVENTION PROGRAM.

MT. VIEW SANITATION DISTRICT POLLUTION PREVENTION ACTIVITY

Title of Activity: Promotional P2 Billboard off Interstate Highway

Date(s): September 10 through October 10, 2001

Activity: National Pollution Prevention Week (NP2W) Billboard

Location: In Martinez, California – just south of the
Martinez-Benicia Bridge on the west side of the Interstate 680,
southbound.

Description: NP2W Billboard advertised and highlighted Mt.
View Sanitary District's Pollution Prevention and Mercury
Reduction Programs. Billboard used NP2W Turtle that was
designed by Karla E. Lund of the East Bay Municipal Utility
District (EBMUD) in Oakland, California.

Contact: David R. Contreras
District Manager
Mt. View Sanitary District
P.O. Box 2757
Martinez, California 94553
925-228-5636 ext 11

CITY OF NOVATO POLLUTION PREVENTION SUCCESSES

Activity #1: Proclamation:

The City Board proclaimed September 17-23, 2001 "Pollution Prevention Week" and issued a resolution.

Activity #2: Posters:

Over 100 National Pollution Prevention Week posters were distributed community wide. The four Novato elementary schools received five each to post at their campuses. Novato Library and College of Marin libraries also posted them. The Chamber of Commerce delighted in the design and distributed posters at their Thursday meeting at the Wild Fox Restaurant. The Margaret Todd Senior Center also posted several within their building. City of Novato, the Parks and Rec Center, and Miwok Park also posted them. Posters were also distributed to our permitted industries and businesses.

Activity #3: Recycling

The display table in our lobby displayed actual products under signs which read "These products should always be recycled at the Recycling Center" and "These products should never be disposed of to a toilet or a sink. The table also had plenty of pamphlets and brochures of interest.

Activity #4: Outreach

Table at Novato's Farmer's Market to display products that can be recycled and a display of products never to be disposed to sink or toilet.

Date: September 18, 2001

Target Audience: General public

Location: Farmer's Market on Tuesday evening and in the front lobby of Novato Sanitary District's Administration Building.

Sponsors/Partners: Novato Disposal Service
SEED (School Environmental Education Docents)

Description of Activity: Educational display with many brochures regarding recycling and proper disposal of hazardous materials.

Exceptional Merits: Public exposure for Novato Sanitary District's program and working with the Farmer's Market. Market Manager

requested additional brochures to display at Novato's Farmer Market several weeks later.

Contact:

Laura Perucchi
Novato Sanitary District
500 Davidson Street
Novato, CA 94945
laurap@novatosan.com

COUNTY OF ORANGE ENVIRONMENTAL HEALTH DIVISION POLLUTION PREVENTION ACTIVITIES

Date of Activity: September 20, 2001 from 9:30 to 11:30 A.M.

Overview: Pollution Prevention Outreach event was held in front of the County Hall of Administration in downtown Santa Ana (Orange County). Our Used Oil Recycling Program had an educational booth along with 10 other environmental organizations. We provided information of how used oil and filters can be recycled for free, and provided locations. We also conducted quiz oriented games for premiums, and distributed oil change containers.

Attendance was approximately 300 people, and about 231 people stopped at our booth. Pastries and juice were handed out by smiling faced people on this overcast morning.

It took a lot of time and effort to prepare for this event, but the positive turn out made all of the work worth doing.

Contact: Christine LaRosa, R.E.H.S.
Hazardous Waste Specialist
County of Orange, Environmental Health Division
Santa Ana, California
(714) 667-2033 or <clarosa@hca.orange.ca.us>

City of Palo Alto's Regional Water Quality Control Plant Pollution Prevention Activities

A. Program Summary

Agency Summary

The City of Palo Alto operates the Regional Water Quality Control Plant (RWQCP), a wastewater treatment plant that treats domestic and industrial waste for East Palo Alto Sanitary District, Los Altos, Los Altos Hills, Mountain View, Palo Alto, and Stanford University. Approximately 226,000 people live in the RWQCP service area. Of the 27 million gallons a day of wastewater processed at the RWQCP, about 60 percent of flow comes from residences, 10 percent from industries and 30 percent from commercial businesses and institutions.

The City also manages the storm drain system within Palo Alto city limits. Since 1990, the RWQCP has implemented an aggressive water pollution prevention program addressing both wastewater and stormwater discharges to San Francisco Bay. The pollution prevention programs involve municipal, commercial and industrial, and residential sources.

Summary of the Mercury Pollution Prevention Program

San Francisco Bay is considered by the U.S. Environmental Protection Agency to be impaired by several key pollutants. Mercury is one of those pollutants and as such, must be reduced within the watershed.

The RWQCP releases mercury to the environment through our treated effluent, ash from sludge incineration, and incinerator ash emissions. Because a wastewater treatment plant is a conveyor of waste from other sources and is not designed to remove metals from the environment, we have to rely on mercury reductions within the community to reduce our mercury transference to the environment.

The mercury pollution prevention program focuses on the reduction of mercury to the Bay by developing incentive programs for residences and businesses and by creating methods to encourage pollution prevention through public outreach. The RWQCP's mercury pollution prevention program has six facets, each of which are summarized below:

1. Municipal
2. Dental Offices
3. Hospitals
4. Commercial and Industrial
5. Residential
6. Legislation

1. Municipal

In July 2000, Palo Alto's City Council adopted a Mercury and Dioxin Elimination Policy:

It is a goal of the City of Palo Alto to eliminate the creation of dioxin and its subsequent release to the environment and to eliminate the use of mercury and its subsequent release to the environment. To achieve this goal, the City will evaluate pollution prevention opportunities to eliminate mercury and dioxin sources from municipal, commercial, industrial and residential activities. Scheduling of specific actions will focus on the most cost-effective and preventable sources first.

The mercury elimination strategy will focus on products that contain mercury as an intentional ingredient; laboratory, medical, and manufacturing processes that use mercury; and the combustion of mercury-containing fuels or wastes. The dioxin elimination strategy will focus on products that contain dioxin, manufacturing processes that create dioxin as a by-product, and combustion of fuels or wastes that contain dioxin precursors.

It is recognized that it may not be possible to totally eliminate mercury and dioxin releases due to technological or economic factors. However, significant progress can be achieved by working toward elimination through regulatory and voluntary pollution prevention programs.

1. DENTAL OFFICES

Beginning in January of 2000, the RWQCP teamed with South Bayside System Authority (SBSA) in Redwood City and the Mid-Peninsula Dental Society (MPDS) to educate dentists about their role in preventing mercury contamination of fish in San Francisco Bay.

MPDS has agreed to be the primary conduit for these pollution prevention messages, using their newsletters and meetings as forums to discuss the subject of mercury amalgam in wastewater. Concurrent to this educational focus, the leaders of the Society are meeting with the RWQCP and SBSA to discuss pretreatment methods to improve removal of amalgam from wastewater.

Since the program began, the group has prepared training materials, conducted training seminars, and defined simple procedures dentists can use to keep mercury from fillings out of the sink (one of the campaign logos is shown at right).

Furthermore, the group has built a foundation upon which to work towards additional solutions to this part of the environmental mercury puzzle.

A laminated fact sheet was mailed to mid-peninsula dental offices, and wastewater treatment staff members are speaking at local dental conferences and at Foothill College classes for hygienist and dental assistant students.

In 2001, the RWQCP focused on leading a regional effort through the Bay Area Pollution Prevention Group (BAPPG). The BAPPG is a collaboration amongst 36 Bay Area wastewater treatment plants. In 2001, their Dental Amalgam Subcommittee, led by Palo Alto, developed an inspection checklist for wastewater inspectors and created a set of PowerPoint presentations for wastewater pre-treatment staff to use to speak with their local dental societies.

2. HOSPITALS

Mercury sources within hospitals include mercury-containing reagents used in labs, such as tissues fixatives, and mercury-containing equipment, such as thermometers and blood pressure cuffs. RWQCP outreach to hospitals began in 1995 when RWQCP published a folder and packet of customized “best management practices” (BMPs) for each type of audience in the medical community. The packet includes guidance on proper management of mercury-containing reagents, a description of a mercury spill prevention and clean-up plan, and recommendations for the elimination of mercury-containing equipment. In 1995 and 1997, the RWQCP distributed more than 1,000 copies of these materials.

In September of 2001 we initiated a series of meetings with local hospital administrators to review opportunities to reduce and eliminate mercury uses and releases. To assist hospitals in meeting the new industrial discharge standards (see “Industrial”), the RWQCP is providing the following:

- ◆ A baseline survey for hospital staff to qualitatively determine their uses of mercury
- ◆ Copies of handouts from the Fall 2001 Hospital Pollution Prevention Workshop in San Francisco
- ◆ Mercury audits planned for 2002, the first of which we have arranged for technical support from California’s Department of Health Services (DHS)

3. COMMERCIAL AND INDUSTRIAL

Typical uses of mercury in commercial and industrial facilities are in fluorescent lamps, thermostats, thermometers, and switches. In addition, some laboratories use reagents and equipment similar to medical facilities. During semiannual

compliance inspections of all permitted industrial facilities, inspectors search for mercury containing devices and reagents.

Following our initiation of the mercury and dioxin elimination policy for the City, we contacted industrial facilities asking them to adopt mercury phase-out policies, and we held meetings with industrial groups to explain the need for such policies and to solicit their support for the City's policy.

In 2001, the RWQCP analyzed the mass of mercury entering the Plant from industrial sources and concluded that the industrial waste mercury discharge limit should be decreased from 0.05 mg/L to 0.005 mg/L. Currently, the City is meeting with industrial representatives to explain the proposed change. The new limit is expected to go into effect in early 2002.

Since January 1998, less than 1 percent of industrial mercury samples would have exceeded the proposed limit and no industrial facility in the RWQCP's service area regularly exceeds the proposed limit. The new limit will help ensure that industrial mercury loading does not increase.

4. RESIDENTIAL

In 1998, the RWQCP initiated the first of its kind "Money for Mercury" drop-off program for mercury fever thermometers. Residents were offered up to \$5.00 worth of coupons for bringing old mercury thermometers to the RWQCP. The coupons could be used to purchase new non-mercury thermometers or other products at participating 'Clean Bay Businesses.' Literature was available at pharmacies and other Clean Bay Businesses in order to describe the problem of high mercury levels in fish tissue in San Francisco Bay and encouraged residents to participate in the program. Utility bill stuffers, newspaper ads and articles have all been used to get the word out about the program.

In 1999 the "money for mercury" concept was expanded to thermostats.

- ◆ Hardware stores were recruited into the Clean Bay Business program to distribute literature about non-mercury thermostats and accept the coupons.
- ◆ Heating contractors were mailed information and the collection program was expanded so that small businesses (generating less than 100 kg/month of hazardous waste) could participate.
- ◆ Contractors were encouraged to change out mercury thermostats and either bring them in or have the homeowner bring them in.

In October 2000, the RWQCP initiated a pilot fluorescent light recycling program at local hardware stores (sample collection barrel shown at right). The program was designed to be a practical and efficient way for residents to recycle fluorescent tubes. The San Francisco Bay Regional Water Quality Control Board has concluded that the disposal of fluorescent lamps is a large controllable source of mercury air emissions. According to the Regional Board, Bay Area residents and businesses discard approximately 13 million fluorescent lamps to landfills annually. Furthermore, local hardware store owners told us that their customers frequently bring in expired fluorescent lamps when seeking a replacement bulb to ensure they purchase the correct size. After the purchase, customers often request that the store dispose of the expired lamps.

The RWQCP initiated a recycling program for these bulbs in conjunction with five local hardware stores and a local fluorescent lamp recycler. Residents simply drop off expired T-8, T-12, tube, compact or U-shaped tubes which are stored in barrels provided by the recycler. These barrels are scheduled for automatic collection every three months. This service is paid for by the RWQCP, which also provides the stores with public information materials relaying information about recycling options for other mercury-containing appliances.

The program began in October 2000 at a single store, Palo Alto Hardware. In the first six months of the program, approximately 300 lamps were collected and recycled at a cost of \$100 (at seven cents per foot). In July 2001, four stores joined the program – Peninsula Hardware, Los Altos Hardware, Rancho Hardware, Blossom True Value Hardware. As of October 2001, 730 additional lamps were collected from the five stores as well as from the RWQCP drop off site.

During the program start-up, active promotion of this program was not pursued to avoid overwhelming the hardware stores. In November 2001, a flyer was inserted with all Palo Alto utility bills to announce the program, and the City's Recycling Program ran a story about the service in their newsletter which is distributed through a local weekly newspaper.

Initial program challenges included finding sufficient space at hardware stores to store collection barrels and streamlining collection schedules so that lamps at multiple sites can be collected on the same day. Stores that did not have sufficient space to store barrels were provided with a mail-in light option, where fluorescent bulbs can be returned via UPS service at no cost to the store owner.

5. LEGISLATION

In October 2000, Palo Alto approached State Senator Byron Sher, asking him to sponsor legislation to ban certain mercury-containing consumer products. Senator

Sher agreed, and the legislation became known as SB 633, the California Mercury Reduction Act of 2001.

Palo Alto staff drafted the provisions of the bill and worked closely with Senator Sher's staff to address specific lobbyist concerns and modify the legislation to obtain agreement between environmental groups and industrial lobbyists. In October 2001, one year after the original proposal to the Senators' office, the bill was passed by both state houses and signed by Governor Davis.

The legislation includes the following provisions:

- ◆ As of July 1, 2002, bans the sale or distribution of mercury fever thermometers in California.
- ◆ As of January 1, 2003, bans the sale or distribution of mercury-containing novelty items in California, such as mercury-containing games, toys, or jewelry.
- ◆ Strictly limits future purchases of mercury chemicals in primary and secondary classrooms.
- ◆ Requires the Department of Toxic Substances Control (DTSC) to provide technical assistance to auto dismantlers to enhance the removal and recovery of mercury containing light switches prior to the disposal or recycling of the vehicle.
- ◆ Requires the DTSC to report to the Legislature by January 1, 2004 on the success of programs to remove mercury-containing auto and appliance switches prior to disposal.
- ◆ Bans the sale of vehicles manufactured on or after January 1, 2005 that contain mercury-containing motor vehicle light switches.

B. Criteria

1. Leadership

The mercury pollution prevention program is one of many programs through which the RWQCP has demonstrated excellent leadership and guidance. Our peers in the wastewater and stormwater field consider the City of Palo Alto as one of the national leaders in water pollution prevention. Our technical documents are frequently referenced and we are often contacted by other agencies as they seek advice for their pollution prevention efforts.

With the mercury pollution prevention program, the City leads the Bay Area and performs beyond permit requirements. Currently, the level of mercury in the RWQCP discharge is significantly less than the permitted amount. However, we believe that pollution prevention is the most cost effective and environmentally beneficial method of reducing metals discharge to the Bay.

Some of the leadership roles specific to the mercury pollution prevention program include:

- ◆ Palo Alto's dental outreach program is unique throughout the country in that we asked the dentists to help craft the materials and messages that would best reach their peers, rather than imposing a program upon them. Our materials are now being used by other wastewater agencies.
- ◆ The "money for mercury" campaign was the first program of its kind in the country.
- ◆ The fluorescent lamp recycling at local hardware stores was the first of its kind in the country.
- ◆ Palo Alto led the Bay Area Pollution Prevention Group in an effort to create an inspection checklist for dental offices and a set of PowerPoint presentations.
- ◆ As the originators of SB 633, Palo Alto led negotiations between environmentalists, auto dismantlers and auto manufacturer lobbyists to finalize portions of the legislation. Many hours were spent tracking the legislation, negotiating with other lobbyists, sending letters of support to key Senate and Assembly committee members, and attending committee meetings.
- ◆ Palo Alto sought letters of support for SB 633 from a wide variety of agencies and lobbyists to show legislators that the bill had a broad base of support.
- ◆ The City is working with local hospitals to promote the "virtual elimination" of mercury by replacing items that contain mercury with non-mercury alternatives. We are supplying hospital staff with the technical resources they need to quantify the issue at their facilities.

2. Significant Environmental benefits

Mercury is considered one of the primary contaminants of concern in San Francisco Bay, with multiple anthropogenic sources. There are many environmental benefits associated with Palo Alto's mercury pollution prevention program. While some benefits can be quantified, such as the mass of mercury collected in the "money for mercury" program, other benefits are more qualitative in nature.

- ◆ Since the inauguration of the "Money for Mercury" drop-off program, the RWQCP has collected more than 1,640 thermometers.
- ◆ The "Money for Mercury" program provided the unexpected benefit that many other mercury-containing devices (barometers, switches, and containers of metallic mercury) were recycled in the process, amounting to more than 45

pounds of mercury. (This figure can be compared to the RWQCP influent loading of 15 to 20 lb/yr and an effluent loading of less than 1 lb/yr.)

- ◆ By encouraging Small Quantity Generators to bring waste mercury to RWQCP, we are eliminating the environmental release of these materials at a landfill. (The photograph at right is a box of mercury switches from car alarms that a small business brought to the RWQCP for proper disposal.)
- ◆ By increasing the recycling of mercury rather than disposal as hazardous waste, we are providing a closed loop for mercury.
- ◆ The SB 633 legislation will significantly reduce the amount of mercury-containing consumer products that will be sold in the future and thus reduce the opportunity for mercury release to the environment during use, transport or disposal of such products.
- ◆ Educating dentists regarding the proper disposal of amalgam waste and the health effects associated with mercury will lead to improved management of mercury in dental offices. We have initiated an annual survey for dentists, in which we ask about their disposal practices, and intend to use the results in the future to seek trend information.
- ◆ By providing technical assistance to local hospitals, we are ensuring that they are taking action to reduce mercury sources at their facilities.
- ◆ By reducing the amount of mercury entering into the environment, we will decrease the possible exposure pathways for future generations.
- ◆ The increasing awareness by the public and industry regarding the risk associated with mercury will increase the likelihood of proper disposal, and handling of mercury.

3. Potential model for business community

The RWQCP regularly distributes program information to other entities in the hopes that similar programs will be implemented throughout the Bay Area. Regional program implementation increases our program's effectiveness at little cost.

Because the mercury pollution prevention program includes residential, municipal, and industrial/commercial components, it can be used as a model for a variety of agencies and community groups.

- ◆ Siting fluorescent lamp recycling at hardware stores provides a practical solution to residential lamp disposal and as such is a model for other

communities. Allen County, Indiana recently developed a similar fluorescent light recycling program with two stores in their jurisdiction.

- ◆ Our dental program is currently being used as a model. San Francisco, Vacaville, and other municipalities and wastewater agencies are using the fact sheets and technical reports created by Palo Alto to facilitate discussions with their local dentists.
- ◆ We were the first wastewater agency to initiate a thermometer “amnesty” program and to actively collect mercury containing consumer products. Many other agencies and groups have now used the thermometer exchange idea including; Vermont; City of Lewiston, Maine; Boston, Mass.; Hennepin County, Minnesota; Anoka County, Minnesota; Union Sanitary District, California; Broward County, Florida; Melbourne, Florida; Solano County, CA; and King County, Washington.
- ◆ Two other agencies, Milwaukee Metropolitan Sewage District and Superior Waste Water Treatment Facility have copied the “money for mercury” campaign.
- ◆ The RWQCP has begun meeting with local hospitals and industrial facilities, asking them to follow our lead by adopting mercury elimination policies. In November 2001, Stanford Hospital signed a mercury elimination pledge developed by Hospitals for a Healthy Environment.
- ◆ Because all of our fact sheets and reports are available to the public through our website, anyone can use our programs as a model. (For information about all our Pollution Prevention Programs, go to <http://www.city.palo-alto.ca.us/cleanbay>.)

4. Demonstrated program commitment

The City of Palo Alto is committed to reducing the pollutant discharges from residents, industry, and businesses into the local watershed – whether from stormwater or wastewater sources. The entire 12-person Environmental Compliance Division is dedicated to this purpose. In particular, the Division’s primary concerns are discharges of metals (including mercury), dioxin, and pesticides. Each year, the Division creates a document called the “Clean Bay Plan” that outlines its pollution prevention plan. Mercury pollution prevention is called out as a major topic of this plan. The current year’s plan is available at our web site.

Palo Alto demonstrates organizational support and upper management commitment to mercury pollution prevention in numerous ways:

- ◆ The City Council unanimously passed the mercury and dioxin elimination policy and periodically requests program updates.
- ◆ The city-wide mercury elimination policy has provided the foundation for interdepartmental collaborations on mercury and dioxin reduction opportunities, such as institutionalizing changes in City purchasing policies. For instance, we are working to create new purchasing specifications to require that fluorescent lamps be low-mercury.
- ◆ The city-wide policy also facilitated improved collection and recycling of fluorescent bulbs within City departments.
- ◆ The City has continued the “money for mercury” campaign for four years and has no predetermined end date.
- ◆ The new, more stringent mercury limit for industrial dischargers will allow the RWQCP to take enforcement action in response to unusually high mercury concentrations from industry. The limit will also motivate industry to ensure that any processes using mercury reagents or mercury-containing equipment are properly managed, and to find non-mercury alternatives whenever possible.
- ◆ The City’s stormwater outreach programs in local schools now includes a new mercury educational program for 4th grade students to augment the California gold rush curriculum.
- ◆ Next steps for the residential lamp recycling program include promoting the current program, reviewing regional opportunities to expand the program to chain stores, and assisting the local stores with procurement of low mercury lamps.

5. Collaborative Effort

In all our programs, RWQCP staff participates in a wide variety of groups to ensure full coordination of our program with regional water quality protection efforts. Many of our activities involve cooperation with other entities, such as other wastewater treatment plants, the county non-point source pollution prevention program, area cities, environmental groups, and other environmental programs within our own city. With these collaborations, Palo Alto is able to leverage resources and facilitate regional agreement about watershed goals and messages.

The RWQCP regularly participated in the following groups to help promote the mercury reduction pollution prevention program:

- ◆ San Francisco Bay Area Pollution Prevention Group (BAPPG)

- ◆ San Francisco Bay Mercury TMDL Workgroup (formerly known as the Mercury Council)
- ◆ Bay Area Hazardous Waste Reduction Committee (BAHWRC)

The RWQCP works directly with businesses, environmental groups, and the State Legislature to enhance mercury pollution prevention projects:

- ◆ The City collaborated with environmental groups, auto dismantlers, education lobbyists, medical lobbyists, and state legislators to pass SB 633, the California Mercury Reduction Act of 2001.
- ◆ The RWQCP staff is delighted with the level of concern and support shown by the MPDS representatives. The group meets regularly to create effective tools for educating dentists and their support staff.
- ◆ MPDS initiated the idea of speaking to dental assistant students at Foothill College. The instructor greatly appreciated the guest lecture and handouts, and has asked that this program become an annual addition to their curriculum.
- ◆ The California Dental Association (CDA) was so impressed by Palo Alto's collaborative approach with our local dental society, that CDA invited Palo Alto to Sacramento to speak to 200 state-wide dentists on the emerging issue of mercury in dental wastewater.
- ◆ DHS has promised to provide direct technical support for the initial hospital mercury audits in 2002 which will improve our ability to effectively audit these sites in the future.
- ◆ Palo Alto staff met with City of Los Angeles staff and obtained their financial support for the BAPPG dental project. The additional funding provided the resources for refinements on the inspection form and PowerPoint presentations.

PG&E's National Pollution Prevention Week 2001 Activities at Diablo Canyon Power Plant Summary

Date: September 15 – 21, 2001

Activities: Beach Cleanup Team; Storm Drain Stenciling Project; P2 Information Booth; Recycling Box Promotion; Green Lamp Program Kickoff; P2 Vehicle Display

Target Audience: All plant employees and contractors (~1400 people)

Location: Local beaches (9/15); plant site (9/17-9/21)

Sponsors/Partners: PG&E; local electric car & bicycle marketing companies and automobile dealers

Description of Activities: The plant environmental compliance staff presented a weeklong pollution prevention information campaign that included the following:

- The week was kicked off by a team of 18 volunteer employees and family members who, in coordination with Coastal Cleanup Day, performed a cleanup of two Port San Luis beaches. The team celebrated afterward with a hot dog BBQ.
- Pollution prevention ideas and information were provided plant wide on a new P2 website. News stories announcing the website and the planned P2 event were published in the plant newsletter. Announcements were also displayed on posters, closed-circuit television, and the access road billboard. The website will remain as a permanent resource to the plant.
- Storm drains around the plant were painted with a dolphin logo and “Flows to the Ocean” stencil. Even though all discharge activities are tightly controlled and high awareness is maintained through training, the freshly painted messages will add to the protection level.
- A “Green Lamp” program was begun to phase-in replacement of standard fluorescent lamps with non-hazardous, low-mercury fluorescent lamps. This measure will combine source reduction with real cost savings.

- The week was concluded with a P2 celebration in the parking lot. The plant's environmental compliance staff manned an information booth that displayed P2 ideas, products and practices already implemented in our workplace (see attachment) as well as ideas for use at home and on the road.
- Participants were provided with desk-side recycling boxes and hand-scooped ice cream cones. For our P2 Vehicle Display we had three all-electric vehicles, three hybrid electric vehicles, and two electric bicycles. This display was sponsored by electric vehicle marketing firms and local automobile dealerships. Participants were provided an opportunity to get engineering details and price information, sit behind the wheel and take a few test-drives.

We believe this event had the combined positive effects of enhancing awareness of existing pollution prevention methods, encouraging the exploration of new opportunities, and reminding plant employees of the available on-site resources (staff, web guidance pages, etc.) to further support environmental regulatory compliance.

Contact: Drew Squyres
Supervisor, Environmental Operations

Diablo Canyon Power Plant

Pollution Prevention Week
September 17-23, 2001

“DIABLO CANYON POWER PLANT SUPPORTS NATIONAL POLLUTION PREVENTION WEEK AS PART OF OUR OVERALL ENVIRONMENTAL MANAGEMENT PROGRAM. POLLUTION PREVENTION IS RECOGNIZED AS AN EFFECTIVE TOOL FOR PROTECTING THE ENVIRONMENT AND IMPROVING ECONOMIC COMPETITIVENESS SINCE IT SERVES TO ELIMINATE POLLUTION AT THE SOURCE BEFORE IT IS GENERATED.”

Dave Oatley

Join us in the parking lot on **Friday, September 21**, for the Pollution Prevention (P2) Awareness Booth and Alternative Vehicle Display!

Check it out here 



THE GOAL OF POLLUTION PREVENTION WEEK IS TO INCREASE AWARENESS OF THE BENEFITS OF P2 AMONG BOTH THE PUBLIC AND BUSINESSES. IN CALIFORNIA, P2 WEEK IS COORDINATED BY THE DEPARTMENT OF TOXIC SUBSTANCES CONTROL.

-  **P2 and You at Diablo Canyon**
-  **P2 on the Road**
-  **P2 in the Home**
-  **P2 in the Garden**

For Environmental compliance guidance 



[Environmental Homepage](#)

Examples of ways we already prevent pollution at Diablo Canyon:

We use “EP A 200 0” as a degradable instead of ozone depleting products (chlorofluorocarbons). Thanks Maintenance!

We accomplished a reduction in volatile organic carbons from 10 tons per year to 1 ton per year. Thanks Paint Department!

We replaced our lab processes that used mercury with ones that don’t need it. Thanks Chemistry!

We have saved energy through conservation at the plant this summer.

We use Simple Green and GOSH instead of high-flammability parts cleaners. Thanks Janitorial and Maintenance!

We stopped using products with Methylene Chloride throughout the plant, and began using more environmentally friendly products that were already on our shelves. [Thanks all departments!](#)

We recycle paper, cardboard, plastics, glass, oils, fluorescent lamps (mercury), oils, and batteries. [Thanks General Services and recyclers!](#)

We carpool and Rideshare. [Thanks all participants!](#)

We don't litter on the access road! (or anywhere for that matter)

Looks like there are a few exceptions (photo of someone picking up litter on road)

[Keep up the good work!](#)



[Environmental Homepage](#)

Last Updated 8/14/0

Diablo Canyon Power Plant

Stop by for ice cream at the

P2 Awareness Booth and

Alternative Vehicle Display on



Friday, September 21, 11 am to 1 pm, in the parking lot.

Come check out these P2 technologies:



GEMCAR Electric Car



Honda Insight Hybrid Electric Car



eBike Electric Bicycle



Toyota Prius Hybrid Electric Car



Honda Accord SULEV (Super Ultra Low Emissions Vehicle)

The first car ever sold that meets the state's Super-Ultra-Low-Emission Vehicle (SULEV) standard. The SULEV requirements are the most stringent in the world and part of the California LEV-II exhaust emissions standard that goes into effect beginning with the 2004 model year. CARB says a SULEV engine emits only 2.3 pounds of ozone-forming hydrocarbons during 100,000 miles of driving, about the same as spilling a quart of gasoline, and an 86 percent reduction compared to a LEV-rated vehicle.



Sparrow Electric Car

For plant **compliance** guidance on paint emissions control, hazmat storage, discharging water, and more, explore the



[Environmental Homepage](#)



Community Outreach: Coastal Cleanup Day

Join us in representing Diablo Canyon on

Saturday, September 15

9 am to Noon

- Volunteer to help clean up Port San Luis Beaches (kayakers welcome)
- Free PG&E T-shirts (courtesy Corporate Environmental Affairs)
- Free Barbeque lunch and raffle (courtesy SLO County & DCPD)

Contact Drew Squyres at x4439, or email at *das7*

[Return to Pollution Prevention Page](#)



[Environmental Homepage](#)

SAN DIEGO-IMPERIAL COUNTY POLLUTION PREVENTION COMMITTEE'S "POLLUTION SOLUTION" FAIR

The County of San Diego Department of Environmental Health sponsored a "Pollution Solution Fair" on Saturday, September 22, 2001 at the Water Conservation Garden at Cuyamaca College. This event was aimed at providing information to residents on how minor changes to daily activities can help improve environmental quality. Local and State agencies as well as environmentally oriented non-profit groups were present to educate the public on topics such as Integrated Pest Management in the home garden, use of alternative & less-toxic cleaning products, prevention of storm water pollution, clean fuel vehicles, recycling and composting, and much more.

In addition, fair visitors were encouraged to enjoy the beautiful Water Conservation Garden, which was established in an effort to educate the public on landscaping designs that minimize water usage, prevent run-off, and encourage healthy plant growth without the use of chemical pesticides.

Pollution Solution Fair 2001 Participants

Otay Water District	Pam Rega	619-670-2291
Helix Water District	Lynn Young	619-667-6270
	Kate Breece	
San Diego Master Gardeners	Al Myrick	619-286-0561
San Diego Master Composters	Tami- Solano	760-436-7986
	Recyclers	
I Love A Clean Diego	Carissa Kuempee	858-467-0103 x 3012
CIWMB	Jill Jones	916-341-6296
San Diego APCD	Marsha Ventittelli	858-650-4703
San Diego Co DPW-Recyclers	J Taylor	858-874-4020
San Diego Co DEH-General	KariLyn Merlos*	858-495-5799
San Diego Co Stormwater	Marsha Cook	619-338-2078
San Diego Co Water Authority	Vicky Driver	
Green Restaurant Assoc.	Ben Nielson	619-233-4663
Regional Transportation Ctr.	Mike Lewis	619-283-7181
Robert Ludwig	DTSC/OPPTD	916-324-2659

*Fair Organizer/Coordinator

September 17th - 23rd

Please Join the County of San Diego,
Department of Environmental Health
At the

Pollution Solution Fair

- ~ **WHERE:** Water Conservation Garden, Cuyamaca College
12122 Cuyamaca College Drive West, El Cajon
- ~ **WHEN:** September 22nd, 10:00am – 2:00pm
- ~ **WHO:** **Everyone who wants to learn how to prevent
pollution and beautify San Diego!**

 **Proactive Information**  **Interactive Displays**  **Free Family Fun**
 **Kids' Activities**  **Giveaways**

For More Information, Contact KariLyn Merlos at 858-495-5799

RESIDENTS CAN FIGHT POLLUTION AT HOME AND ON THE ROAD ***“Pollution Solution Fair” Aims To Improve Environment Through Education***

Teaching San Diego County residents how to reduce the pollution they create in their homes, gardens and elsewhere will be the focus of a “Pollution Solution Fair” sponsored by the County Department of Environmental Health.

The fair will be held from 10 a.m. to 2 p.m. on Saturday, Sept. 22, at the Cuyamaca College Water Conservation Garden, 12122 Cuyamaca College Drive West, in El Cajon. The fair will be held during National Pollution Prevention Week, Sept. 17th –23rd.

The fair will feature informational booths and interactive displays focused on reducing the amount of pollution created in homes and businesses. Local and State agencies, along with nonprofit and environmental groups, will be on hand to teach residents how little changes can add up to a cleaner environment.

“For the public, practicing pollution prevention in the home, in the garden and on the road through activities such as using alternative cleaning methods, purchasing an electric mower and carpooling to work can help improve the quality of the local environment,” said Gary Erbeck, Director of the Department of Environmental Health.

Residents can also use their buying power to send a powerful message and exercise their preference for environmentally sound products, “as consumers, each of us can voice our environmental concern at the cash register. We can buy products made from recycled materials. We can select non-toxic household cleaners instead of poisons which when disposed of irresponsibly, endanger our health and our environment. We can also patronize businesses that practice pollution prevention, energy efficiency and energy and water conservation,” Erbeck said.

Residents are encouraged to come out and enjoy the free family activities, giveaways and beneficial information at the fair, and to do their part to “Create Our Own Reality” – the theme of National Pollution Prevention Week – for San Diego County.

Contact: KariLyn Merlos (858) 495-5799

CITY OF SANTA MONICA INDUSTRIAL WASTE SECTION POLLUTION PREVENTION 2002 ACTIVITIES

Activity 1: Clean Shops- Automotive Repair Workshop

Date: February 13, 2001

Audience: Local Automotive shops

Location: Ken Edwards Center
1527 4th St. Santa Monica

Description: Automotive shops were educated on various topics such as: Aqueous parts washing for degreasing and brake cleaning, Anti-freeze recycling technologies, used oil management, Dry shop spill cleanup methods, Oil/Water separator maintenance and stormwater compliance, Economic and compliance incentives for business. The informative workshop highlighted current stories, local and regional regulations and opportunities for a collaboration with other local automotive repair professionals.

Exceptional Merits: City Of Santa Monica received extremely positive response and feedback from local automotive shops participants regarding the success of this event. It helped automotive repair businesses learn that by implementing p2 techniques in their activities, they can use their resources more efficiently, decrease regulatory requirements and operational costs, improve workplace health and safety, reduce waste disposal costs and promote environmental quality.

Activity2: National Pollution Prevention Week

Date: September 17-23

Location: City Of Santa Monica satellite offices
The Utilities and City Yards offices

Description: P2 week poster and balloons were displayed and p2 fact sheets with other educational material were displayed at 2 of the City's offices to celebrate and promote the benefits of pollution prevention for the week of September 17-23.

Exceptional Merits: The event allowed the general public and the City employees to

get information about the National Pollution Prevention Week. They were exposed to simple strategies for implementing P2 in their daily activities. Several of the general public contacted our office asking for assistance identifying additional p2 measures after this very successful event. This event allowed for City employees to attain an understanding of P2 week, as well as identify possible measures they could take to help promote P2.

Activity 3: P2 Audits/ Visits

Date: October 3, 2001

Description: **Coordinated P2 site audits/ visits with DTSC representatives for automotive shops that needed assistance to implement pollution prevention techniques and practices. A total of 10 businesses were reached and successfully trained by the DTSC.**

**Exceptional
Merits:**

This event was aimed at helping the auto repair industry increase their understanding of pollution prevention and the benefits of implementing it in their operations. The TDSC representatives conducted on site audits of 10 selected shops. The visits included actual demonstrations of practical, cost effective alternatives to reduce the generation of hazardous waste and toxics. The audited shops were provided with information folders and videos containing key information that could allow them to save money and stay in compliance with environmental regulations. A very positive feedback was received from the shops involved in this event . They had the best opportunity to get involved with the DTSC and they will connect with them in the future for valuable P2 information.

Contact: Dina Khadavi
City of Santa Monica – Industrial Waste Section
1212 5th St. 3rd Floor
Santa Monica, CA 90401
Dina-Khadavi@ci.santa-monica.ca.us

The City of Saratoga's NATIONAL Pollution Prevention WEEK 2002 ACTIVITIES

The City of Saratoga once again was a leader in promoting National Pollution Prevention Week 2002 from September 17-24. This year, as in the past, the City sponsored and coordinated the following activities:

- City of Saratoga Pollution Prevention Week Proclamation

- Local radio Pollution Prevention Public Service Announcements (PSA's)

and

- Local Newspaper Pollution Prevention Advertisements.

For more information on the above events, contact Cary Bloomquist" at
<cbloomquist@saratoga.ca.us .

Santa Barbara County Air Pollution Control District (APCD) and Partners P2 Activities

- * APCD Board adopted a resolution, we presented our 12 Board members with P2 Week t-shirts
- * APCD and Santa Barbara Museum of Natural History held a press conference unveiling our newest P2 partner, R2P2 - The Robot Resource for Pollution Prevention. Event resulted in several newspaper articles and two local TV news stories. KEYT-TV even mentioned National Pollution Prevention Week.
- * Awarded the 8th annual Green Awards to 5 Santa Barbara County businesses. Green Award Consortium made up of APCD, Santa Barbara County Solid Waste & Utilities, Santa Barbara County Water Agency, Traffic Solutions, and the Community Environmental Council
- * APCD appeared on local call-in talk radio show with Jerry Cornfeld. Talked about P2 Week and the Green Award winners.
- * Updated www.greendifference.org and added new partner, City of Santa Barbara Creeks Division
- * Sent out press release announcing Pollution Prevention Week - resulted in a number of newspaper articles
- * Greendifference.org "coalition" developed radio ads in Spanish which ran on local Spanish radio stations
- * Greendifference.org "coalition" developed print ads that ran in local papers throughout the county (Santa Barbara News Press, Goleta Valley Voice, Carpinteria Coastal View, Lompoc Record, Santa Barbara Independent)

CONTACT: Ms. Frances Gilliland, Santa Barbara County APCD, (805) 961-8838 or gillilandf@sbcapcd.org

SIMI VALLEY POLLUTION PREVENTION

ACTIVITIES FOR 2000

ACTIVITIES

1. Earthday Event at Moorpark College on April 19, 2000. We manned a Storm Water/Pollution Prevention Booth from 8:00 A.M. to 3:00 P.M. The target was students and local residents. We tested their P2 knowledge with a short quiz, and then we reviewed it with them to confirm their understanding of P2 opportunities and techniques.
2. The (VCSQMP) Ventura Countywide Stormwater Quality Management Program's Pollution Prevention House was displayed and manned at the Ventura County Fair from August 8th to the 12th, 2000. This interactive display house is geared to reach children and residents. It gives various P2 alternatives and proper disposal techniques for materials used around the house. All ten cities in County were involved and the County Solid Waste Division partnered with the VCSQMP.
3. The above-mentioned P2 House was displayed in the City of Simi Valley's City Hall from September 6th to the 27th. School children visited the P2 House during this time and especially during National P2 Week.
4. The City of Simi Valley personnel were intimately involved in the planning and implementation of the Coastal Cleanup Day on September 16th. The targets were clubs like the Boy/Girls Scouts and Residents in general. It was another successful cleanup and awareness effort.
5. Simi Valley personnel represented the VCSQMP at the (WRPPN) Western Regional Pollution Prevention Conference, in San Diego on October 26, 2000 by giving a storm water/ pollution prevention presentation and facilitating the storm water session. Regulatory and P2 oriented agencies were the intended target audience.
6. Staff members have throughout the year been heavily involved in the activities of the (TCP2C) Tri County Pollution Prevention Committee, the (C2P2C) Consortium of California Pollution Prevention Committees, the (CWEA) California Water Environmental Association's International Pollution Prevention Subcommittee and the WRPPN's Steering Committee.

Contact: Kevin Gieschen
City of Simi Valley Source Control Division
805-583-6462 or KGIESCHEN@simivalley.org

SAN LUIS OBISPO COUNTY'S AIR POLLUTION CONTROL DISTRICT POLLUTION PREVENTION ACTIVITY 2001

NEWS RELEASE

For Immediate Release: September 12, 2001

Media Contact: Aeron Arlin Genet -- 781-5998

Five Local Companies Honored for Helping Keep SLO County's Air Clean

San Luis Obispo -- The Air Pollution Control District of San Luis Obispo (APCD), as part of Pollution Prevention Week, is recognizing five local businesses that have taken steps to reduce air pollution before it is generated. Pollution Prevention Week (P2 for short) is being held across the nation from September 17 - 23 to celebrate and promote the benefits of eliminating or reducing pollution at the source. This year's theme for P2 Week is "Create Your Reality."

The APCD Board will hold a **special recognition ceremony at the September 26th meeting** to honor ***Davis Boats, Laguna Cleaners, Ride-On, Stanley Motors*** and ***Heritage Oaks Bank*** for their efforts to preserve our natural resources, protect the air we breathe and depict this year's theme of "Create Your Reality." In addition to Board recognition, all five companies will set-up displays outdoors in the SLO County Government Center Plaza to showcase their pollution prevention efforts. This is an excellent opportunity to talk with the local companies, learn more about pollution prevention and thank the 5 companies for making clean air part of their business.

Here is what these companies are doing to help keep San Luis Obispo County's air clean:

Davis Boats in Paso Robles: A boat manufacturing company with a green conscience! Davis Boats purchased a spray coating system that reduces the amount of coating used and subsequent air pollution generated. They also use a solvent recycling unit that reduces hazardous waste and solvent use.

Ride-On in San Luis Obispo: With a long term commitment to promoting vanpools and other transportation choices, Ride-On works collectively with the communities of the San Luis Obispo County to create transportation and mobility solutions.

Heritage Oaks Bank throughout SLO County: Their "Save With Us" energy conservation campaign demonstrates Heritage Oaks Bank's leadership in promoting and practicing energy conservation. Beginning on July 2nd Heritage Oaks Bank launched an outreach campaign to promote energy conservation and closed their lobby doors from 1:00 p.m. to 2:30 p.m. to reduce energy use.

Laguna Cleaners in San Luis Obispo: This local dry cleaner voluntarily purchased a new machine to reduce solvent use and prevent solvents from being released into our air. Now Laguna Cleaners is able provide services with cleaner air emissions while using a fraction of the chemicals typically required.

Stanley Motors in San Luis Obispo: This automobile dealer has made a long-term commitment to provide SLO County residents with clean vehicle technologies such as the GEM car (neighborhood electric vehicle) and the E-Bike (electric bicycle).

For more information on how to implement a Pollution Prevention Program at your home or workplace, please contact the APCD at 781-4AIR or visit our website at www.sloapcd.dst.ca.us.

SOROPTIMIST INTERNATIONAL OF HUNTINGTON BEACH POLLUTION PREVENTION ACTIVITIES

The Soroptimist International of Huntington Beach used National Pollution Prevention Week brochures and factsheets in a variety of local events during September 17-23, 2002.

Contact: Soulah Warshauer,
 Environmental Coordinator
 Soroptimist International
 18851 Kithira Circle
 Huntington Beach, CA 92648

Phone: 714-848-6555

Fax: 714-848-0707

-soulah@envirotek2000.com

U.S. Postal Service, Sacramento District P2 2001 ACTIVITIES AWARD

Title of Activity: Newsletter Promotion of P2 Week

Date: August – September 2001

Activity: *Environmental Compliance Newsletter* published by the Environmental Compliance unit of the Sacramento District inserted several articles into the August and September 2001 issues highlighting P2 Week and P2 activities in the Garden, Office and Home. The newsletter inserts P2 articles in issues throughout the year in order to encourage environmentally friendly behaviors.

Target Audience: All Postmasters and employees in the Sacramento District, some 400 facility managers and up to 10,000 employees.

Location: Sacramento District, including ZIP Code areas 952-953, 956-960. (Stockton, Sacramento, Marysville, Redding)

Sponsors/Partners: District Manager, Manager Vehicle Maintenance, Manager Maintenance (Sacramento Main Office), Postmaster's throughout the Sacramento District

Description of Activity:

- 1) Recycling of brake drum grindings following 2-year discussion with county environmental health explaining benefits and why regulations allow same.
- 2) Recycling of crushed oil filters previously disposed of as hazardous waste.
- 3) Recycling of more than 140 tons per month of undeliverable advertising mail at the Sacramento Main Office by backhauling from other offices. Post offices throughout the district bring this total closer to 200 tons with individual recycling programs.

- 4) Distribution of pencils made from recycled undeliverable mail to school children throughout the district.
- 5) Introduction of ultrasonic technologies for cleaning of cancellation dies and ink pots at large plants.

Exceptional Merits: Proactive education, promotion and implementation of P2 activities to individuals in the District. These types of outreach have lead to numerous P2, recycling and waste reduction awards for the District in 2000 and 2001. These include the American Lung Association Clean Air Award, Keep California Beautiful awards (both years), Sacramento County Business Environmental Resource Center P2 award, Sacramento Environmental Commission P2 Award, Partners for a Cleaner Davis award, White House Closing the Circle Award, EPA Greening the Government award, and others.

Contact: Richard A. Yehle
Environmental Compliance Specialist
U.S. Postal Service
3775 Industrial Blvd
West Sacramento, CA 95826-4055
530-373-8702 or ryehle@email.usps.gov

CITY OF VENTURA

PRESS RELEASE

CITY OF VENTURA – OFFICE OF ENVIRONMENTAL SERVICES AND CHAMBER OF COMMERCE TEAM UP FOR A ZERO WASTE EVENT

“Create Your Reality!” That’s the message from coordinators of National Pollution Prevention Week, September 17 – 23rd. Across the nation, local governments, state and federal agencies, businesses and others are teaming up to hold events that celebrate and promote the benefits of pollution prevention.

Pollution prevention is recognized as an effective tool for protecting the environment and the economy since it serves to eliminate pollution at the source before it is generated. For industry, utilizing a host of pollution prevention techniques can result in more efficient, less-pollution industrial processes that improve competitiveness and the environment.

There are many events and opportunities right here in Ventura to divert waste that is otherwise destined for landfills: The upcoming Chamber Business Showcase is a prime example. On Thursday, September 20th, from 2 – 7PM, the environmental services staff from the City of Ventura, working in conjunction with the Ventura Chamber of Commerce, Seaside Park and Fanfare Catering, will undertake this largely attended event as a Zero Waste Event. In other words, less than 5% of the waste that over 4,000 attendees and exhibitors will generate will actually make it to the landfill.

Thanks to the support from neighboring Cities whose Chambers of Commerce are also involved in the Business Showcase; numerous waste

management professionals will join Ventura's staff and conduct an on-site sorting line. With an estimated 100 exhibitors and several food / beverage booths, waste professionals will collect and sort everything from the luncheon food waste, paper napkins and stir sticks, to assorted beverage containers, packing Styrofoam, paper and cardboard.

“This is going to be an awesome way for people to see just how much of our common household items, often referred to as “trash”, can actually be recycled or reused, put into a compost pile or shredded for your worm bin. Visitors will be able to see us collecting, sorting and even ‘melting’ these collected discards into the form of awards. In turn, we’ll be giving these Zero Waste awards to the folks who made the whole event possible. That’s what I call closing the loop!” remarks event coordinator Beth Sutherland, Environmental Services Specialist with the City of Ventura.

For more information about Pollution Prevention Week, how to make YOUR event a Zero Waste event, or Commercial Recycling at your place of business, please call the Office of Environmental Services at 652-4525.